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FROM

COMMISSIONERS, INSPECTORS,

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FORTY-SEVEN VOLUMES.

— (20.) —

EDUCATION (SCIENCE AND ART) (CALENDAR).

SESSION 1.—5 *February* 1895——6 *July* 1895.
SESSION 2.—12 *August* 1895——5 *September* 1895.

VOL. XXXIII.

1895.

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REPORTS

FROM

COMMISSIONERS, INSPECTORS,

AND OTHERS:

1895.

FORTY-SEVEN VOLUMES:—CONTENTS OF THE

TWENTIETH VOLUME.

N.B.—*THE* Figures *at the* beginning of the line, *correspond with the* N° *at the foot of each* Report; *and the* Figures *at the* end of the line *refer to the* MS. Paging *of the Volumes arranged for The House of Commons.*

SCIENCE AND ART CALENDAR:

[c. 7789.] Calendar, History and General Summary of Regulations of the Department of Science and Art, 1896. p. 1

CALENDAR HISTORY, AND GENERAL SUMMARY OF REGULATIONS

OF THE

DEPARTMENT OF SCIENCE AND ART.

1896.

Presented to Parliament by Command of Her Majesty.

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1895.

[C.—7789.]

The annual publications of the Department consist of—

(1.) The Directory, or Code of rules, for establishing and conducting Science and Art Schools and Classes. Price of 1895 issue, 6*d.*

(2.) The Calendar, History, and General Summary of Regulations, which gives a history and general description of the Department, with a summary of the rules and a list of the Science and Art Schools and Classes, &c. Price of present issue, 2*s.* 4*d.*

Excerpt from Calendar, showing the Science and Art Schools and Classes which have made the prescribed returns for the Session 1895–6. Price, 6*d.*

(3.) The Annual Report, which gives full information as to the operations of the Department during the past year. Price of 1895 issue, 1*s.* 9*d.*

(4.) Drawing and Manual Instruction in Elementary Schools. Supplement to the Annual Report, giving the details with regard to Drawing and Manual Instruction in Elementary Schools during the past year. Price of 1895 issue (covering year ended 31st August 1894), 2*s.* 7*d.*

(5.) Annual Return made to the Department as to the Application of Funds under the Local Taxation (Customs and Excise) Act, 1890, and the Technical Instruction Acts, &c., for the purposes of Science, Art, Technical, and Manual Instruction in England, Wales, and Scotland Price of 1894 issue, 10½*d.*

1896.

DEPARTMENT OF SCIENCE AND ART.

CALENDAR, HISTORY, AND GENERAL SUMMARY OF REGULATIONS.

O 89100. Wt. 140:9.

DEPARTMENT OF SCIENCE AND ART OF THE COMMITTEE OF COUNCIL ON EDUCATION.

CONTENTS.

	Page
CALENDAR	i
STAFF	iv
HISTORY AND GENERAL SUMMARY OF REGULATIONS OF THE DEPARTMENT OF SCIENCE AND ART	viii
(a) *Science Division*	xii
(b) *Art Division*	xxi
ROYAL COLLEGE OF SCIENCE, LONDON	xxx
NATIONAL ART TRAINING SCHOOL	xxxviii
SOUTH KENSINGTON MUSEUM	xxxix
(a) *Art Collections*	xxxix
(b) *Science Collections*	xlvii
(c) *Bethnal Green Branch Museum*	lxiii
AID TO SCHOOLS AND MUSEUMS	lxiv, lxv
COMMITTEE ON SOLAR PHYSICS	lxvii
SCIENTIFIC RESEARCH	lxx
GEOLOGICAL SURVEY	lxxi
MUSEUM OF PRACTICAL GEOLOGY	lxxii
MINING RECORD OFFICE	lxxiii
EDINBURGH SCIENCE AND ART MUSEUM	lxxiv
DUBLIN SCIENCE AND ART MUSEUM	lxxvi
ROYAL BOTANIC GARDENS, GLASNEVIN	xci
DUBLIN ROYAL COLLEGE OF SCIENCE	xcii
ROYAL HIBERNIAN ACADEMY	xciii
ROYAL ZOOLOGICAL SOCIETY OF IRELAND	xciv
ROYAL SCHOOL OF NAVAL ARCHITECTURE AND MARINE ENGINEERING	xcv
Index to following Table	xcvii
Table showing the Science and Art Schools and Classes, subjects taught, estimated number of students, &c.	2
List of proposed Organised Science Schools (1895–6)	414
Whitworth Scholars and Exhibitioners, 1869 to 1895	419
Royal Exhibitioners (Science), 1863 to 1895	425
„ „ (Art) 1892 to 1895	427
National Scholars (Science), 1884 to 1895	428
„ „ (Art) 1885 to 1895	429
Gold Medallists in the National Art Competition, 1866 to 1895	432
Princess of Wales' Scholars, 1866 to 1895	438
Persons holding Art Masters' Certificates granted up to September 1895	440
Table showing Building Grants to Schools of Science and Art, 1861–1895	457
INDEX TO HISTORY AND GENERAL SUMMARY OF REGULATIONS	460

R.C.S.L. = Royal College of Science, London.
N.A.T.S. = National Art Training School.

R.C.S.D. = Royal College of Science, Dublin.
D.M.S.A. = Dublin Metropolitan School of Art.

JANUARY.

1	W	
2	TH	
3	F	
4	S	
5	S	
6	M	N. A. T. S., R. C. S. L., and R. C. S. D. Christmas vacation ends.
7	TU	
8	W	D. M. S. A. Christmas vacation ends.
9	TH	N. A. T. S. Anatomy Lectures recommence.
10	F	Applications on Form 488 for Studentships in Training (Art) must be sent in before 15th Jan.
11	S	
12	S	
13	M	
14	TU	
15	W	
16	TH	Latest date for making application for a Local Examination in Modelling, Subject 18A (Elementary Stage).
17	F	
18	S	
19	S	
20	M	D.M.S.A. special lectures on Anatomy and Architecture commence.
21	TU	
22	W	
23	TH	
24	F	
25	S	
26	S	
27	M	
28	TU	
29	W	
30	TH	
31	F	

FEBRUARY.

1	S	R. C. S. D. 1st term ends.
2	S	
3	M	R. C. S. D. 2nd term commences.
4	TU	
5	W	
6	TH	
7	F	
8	S	
9	S	
10	M	
11	TU	
12	W	
13	TH	
14	F	
15	S	R. C. S. L. 1st term ends. Committees to nominate a custodian of exam. papers not later than 24th Feb.
16	S	
17	M	R. C. S. L. 2nd term commences.
18	TU	
19	W	
20	TH	
21	F	
22	S	
23	S	
24	M	
25	TU	
26	W	
27	TH	
28	F	
29	S	N. A. T. S. Winter term ends.

MARCH.

1	S	
2	M	N. A. T. S. Summer term begins.
	TU	External cands. for exams. apply to secretaries of local committees or to special local secretaries before 15th March.
3	W	
4	TH	
5	F	
6	S	After 15th March augmented fee for exam. of external cands. at S. K. No applications entertained after 15th April.
7	S	
8	M	
9	TU	Where Special Local Sec. appointed or amalgamated committee formed applns. for local exams. in S. and A. to be sent in to S. L. Sec. or Secretary of amalgamated committee before 16th March.
10	W	
11	TH	
12	F	
13	S	
14	S	
15	M	Form No. 119, also Form No. 1010 if for Practical Chemistry or Practical Metallurgy, to be sent in to Department before 16th March.
16		
17	TU	
18	W	
19	TH	N. A. T. S. Anatomy lectures end.
20	F	
21	S	
22	S	
23	M	
24	TU	
25	W	
26	TH	
27	F	
28	S	
29	S	
30	M	
31	TU	Latest date for making application for the examination in Blackboard Drawing of Students of Training Colleges.

APRIL.

1	W	R. C. S. L. Easter vacation begins. Works with Form No. 528 from Science and Art Schs. and Art Classes to be sent in by 1st April.
2	TH	R. C. S. D. Easter vacation begins.
3	F	N. A. T. S. and D. M. S. A. Easter vacation begins.
4	S	
5	S	
6	M	
7	TU	D. M. S. A., N. A. T. S., and R. C. S. D. Easter vacation ends.
8	W	
9	TH	
10	F	Candidates for Whitworth Scholarships and Exhibitions to send in Form No. 330, and candidates for Royal Exhibitions (Science and Art), National Scholarships (Science), Local Scholarships (Art), or Free Studentships (Science) to send in Form 330A (Science) or 1181 (Art) before 15th April. Form No. 91 (91A for Art or 91B for Irish schools) to be hung up in school-room before 19th April.
11	S	
12	S	
13	M	
14	TU	
15	W	R. C. S. L. Easter vacation ends.
16	TH	Public local exams. in S. and A. are held from 25th April to 13th June. (*See* Time table, Form No. 90.) Science Exams. begin on 25th April. Art Exams. begin on 25th April. If on 22nd April exam. forms have not been received or if wrong numbers sent, Dept. to be informed *at once*.
17	F	
18	S	
19	S	
20	M	
21	TU	
22	W	
23	TH	
24	F	
25	S	
26	S	
27	M	
28	TU	
29	W	
30	TH	D. M. S. A. Winter term ends.

MAY.

1	F	D. M. S. A. Summer term commences.
2	S	Science and Art exams. during April, May, and June. The Department recognises as a session the 12 months from one May examination to the succeeding May examination.
3	S	
4	M	
5	Tu	
6	W	
7	Th	Form No. 120 to be sent for the new session.
8	F	
9	S	Form No. 1104 from new Irish schools.
10	S	Form No. 1160 from teachers of old Irish schools.
11	M	
12	Tu	
13	W	
14	Th	
15	F	
16	S	
17	S	
18	M	
19	Tu	
20	W	
21	Th	
22	F	
23	S	N. A. T. S. Whitsun. holidays begin.
24	S	
25	M	D. M. S. A. Whitsun. holidays begin.
26	Tu	
27	W	
28	Th	D. M. S. A. Whitsun. holidays end.
29	F	
30	S	
31	S	

JUNE.

1	M	D. M. S. A. Landscape class at Glasnevin opens. Schools ineligible to receive grants, but desiring to keep registers that pupils may compete for prizes, send Form No. 88 with a statement of the names and qualifications of teachers.
2	Tu	N. A. T. S. Whitsun. holidays end.
3	W	R. C. S. D. Sessional exams. begin.
4	Th	
5	F	
6	S	
7	S	
8	M	
9	Tu	
10	W	Cands. competing for Roy. Exhs. (Science and Art), Nat. Scholarships (Science), Free Studentships (Science), Local Scholarships (Art), Studentships in Training (Science), or Whitworth Scholarships and Exhibitions to return Form No. 400 (Science) or 1202 (Art) before 10th June.
11	Th	
12	F	
13	S	
14	S	
15	M	
16	Tu	
17	W	
18	Th	
19	F	
20	S	R. C. S. D. Session ends.
21	S	
22	M	
23	Tu	
24	W	
25	Th	
26	F	
27	S	
28	S	
29	M	
30	Tu	R. C. S. L. Session ends.

JULY.

1	W	
2	Th	
3	F	R. C. S. L. Summer courses for teachers begin, and extend over three weeks.
4	S	
5	S	
6	M	
7	Tu	
8	W	Applications on Form 488, for Studentships in Training (Art) and for National Scholarships (Art), must be made before 20th July.
9	Th	
10	F	
11	S	
12	S	
13	M	
14	Tu	
15	W	Time-table (Form 122) to be sent in on behalf of proposed Organised Science Schools before the 1st August.
16	Th	
17	F	
18	S	
19	S	
20	M	
21	Tu	
22	W	Exhibition of National Competition Prize Works takes place this month.
23	Th	
24	F	
25	S	
26	S	
27	M	
28	Tu	
29	W	
30	Th	
31	F	N. A. T. S. and D. M. S. A. Summer term ends.

AUGUST.

1	S	N. A. T. S. Summer courses for teachers and others take place this month.
2	S	
3	M	
4	Tu	
5	W	
6	Th	
7	F	
8	S	Jermyn Street Museum closes for vacation.
9	S	
10	M	
11	Tu	
12	W	Form No. 120 to be sent in as soon as a class is formed or renewed, and not later than 30th September.
13	Th	
14	F	
15	S	
16	S	
17	M	
18	Tu	
19	W	
20	Th	
21	F	
22	S	
23	S	
24	M	Latest date for transmission of Form No. 1104 or 1160 from Irish schools. Unless Form No. 1104 is received by Department by 31st August it will only be accepted under exceptional circumstances and subject to a deduction from the grant.
25	Tu	
26	W	
27	Th	
28	F	
29	S	
30	S	
31	M	

SEPTEMBER.

1	Tu	
2	W	
3	Th	
4	F	
5	S	
6	𝔖	
7	M	
8	Tu	
9	W	
10	Th	Jermyn Street Museum re-opens.
11	F	
12	S	
13	𝔖	
14	M	
15	Tu	
16	W	
17	Th	
18	F	
19	S	
20	𝔖	
21	M	
22	Tu	
23	W	
24	Th	
25	F	Latest date for transmission of Form No. 120. Unless received by the Department by the 30th September it will only be accepted under exceptional circumstances and subject to a deduction from the grant.
26	S	
27	𝔖	
28	M	
29	Tu	
30	W	

OCTOBER.

1	Th	D. M. S. A. Opening of Session.
2	F	
3	S	
4	𝔖	
5	M	
6	Tu	R. C. S. D. Opening of session.
7	W	N. A. T. S. and R. C. S. L. Winter session begins. D. M. S. A. Class lectures in Geometry and Perspective commence.
8	Th	
9	F	
10	S	Form No. 88 (or Form No. 168 for an old School, the Committee of which has not received the Department's recognition as permanent), to be sent to Dept. by the 31st October.
11	𝔖	
12	M	
13	Tu	
14	W	
15	Th	
16	F	Claims for payments on results of May Exams. should be sent in *not later* than 31st October.
17	S	
18	𝔖	
19	M	
20	Tu	
21	W	
22	Th	
23	F	
24	S	Latest date for transmission of Form No. 88 or Form No. 168 when a grant is desired. Unless received by Department by the 31st October it will only be accepted under exceptional circumstances and subject to a deduction from the grant.
25	𝔖	
26	M	
27	Tu	
28	W	
29	Th	
30	F	
31	S	Latest date for transmission of Form No. 120A from Training Colleges.

NOVEMBER.

1	𝔖	
2	M	
3	Tu	
4	W	
5	Th	
6	F	
7	S	
8	𝔖	
9	M	
10	Tu	
11	W	
12	Th	
13	F	
14	S	
15	𝔖	
16	M	
17	Tu	
18	W	
19	Th	
20	F	
21	S	
22	𝔖	
23	M	
24	Tu	
25	W	
26	Th	
27	F	
28	S	
29	𝔖	
30	M	

DECEMBER.

1	Tu	
2	W	
3	Th	
4	F	
5	S	
6	𝔖	
7	M	
8	Tu	
9	W	
10	Th	
11	F	
12	S	
13	𝔖	
14	M	
15	Tu	
16	W	
17	Th	
18	F	
19	S	*R. C. S. L. Christmas vacation begins.
20	𝔖	
21	M	
22	Tu	R. C. S. D. and D. M. S. A. Christmas vacation begins.
23	W	
24	Th	N. A. T. S. Christmas vacation begins.
25	F	Schools ineligible to receive payments on results, but desiring an examination, must send Form No. 88C before 1st January.
26	S	
27	𝔖	
28	M	
29	Tu	
30	W	
31	Th	

* R. C. S. L. vacation ends 4th January 1897.
N. A. T. S. " " 4th " "
R. C. S. D. " " 5th " "
D. M. S. A. " " 8th " "

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Instructors.—P. T. Wrigley, M.A.; J. Harrison, M. Inst. M.E., Assoc. M. Inst. C.E.
Demonstrator.—J. E. Livsey, M. Inst. M.E.
Assistant.—G. A. Baxandall.

Physics.

Assistant Professor.—C. V. Boys, F.R.S.
Demonstrator.—W. Watson, B.Sc.
Assistants.—W. Williams, B.Sc.; R. M. Archer; R. W. Forsyth.
Occasional Lecturer.—Captain W. de W. Abney, C.B., D.C.L., F.R.S. (late R.E.).

Chemistry.

Assistant Professor.—W. P. Wynne, D.Sc.
Demonstrators.—H. Chapman Jones; J. W. Rodger.
Assistants.—G. S. Newth; A. Eiloart, B.Sc., Ph.D.; M. O. Forster, Ph.D., A.I.C.
Teaching Scholars.—H. W. Hutchin; H. A. M. Borland.

Biology.

Demonstrators.—M. F. Woodward; L. A. Boodle.

Geology.

Lecturer on Mineralogy.—F. Rutley, F.G.S.
Demonstrators.—W. F. Hume, D.Sc.; C. G. Cullis.
Assistant.—T. Barron.

Metallurgy.

Instructor in Assaying.—H. C. Jenkins, Associate M. Inst., C.E.
Assistants.—E. A. Smith; A. Stansfield, B.Sc.

Mining.

Instructor in Mine Surveying.—J. G. Lawn.

Astronomical Physics.

Demonstrator.—A. Fowler, F.R.A.S.

NATIONAL ART TRAINING SCHOOL.

Visitors.—W. B. Richmond, R.A.; F. J. Shields, A.R.W.S.
Principal.—J. C. L. Sparkes.
Assistant Masters.—H. B. Hagreen (Mechanical and Architectural Drawing); T. Clack (Painting, etc.); E. S. Burchett (Geometry and Perspective).
Instructor in Modelling.—E. Lantéri.
Lecturer on Decorative Art.—H. H. Stannus, F.R.I.B.A.
Special Occasional Instructor in Design.—Stephen Webb.
Assistant Mistress.—Mrs. Casabianca.
Assistant Teachers.—G. Morton; (*for Evening Classes*) W. P. Watson, R.B.A.
Temporary Assistant Teachers.—F. V. Burridge; V. W. Burnand, R.B.A.
Teacher of Etching.—Frank Short, R.P.E.
Assistant.—W. Goulding.
Occasional Lecturers.—A. Thomson, M.A., M.B., *Anatomy*; Lewis F. Day, *Surface Design.*

Registrar.—Lieut.-General Sussex W. Lennox.
Clerk Attendant.—H. E. Gilbert-Cooper.
Matron.—Miss Simpson.

SCIENCE AND ART EXAMINERS.

Professional Examiners for Science in 1895.
Subjects.
I.—Practical Plane and Solid Geometry.—T. F. Pigot, C.E., M.R.I.A.; H. W. O. Hagreen.
II.—Machine Construction and Drawing.—T. A. Hearson, R.N., M. Inst. C.E.; J. Harrison, M. Inst. M.E., Assoc. M. Inst. C.E.
III.—Building Construction.—Lt.-Colonel H. C. Seddon, R.E.
IV.—Naval Architecture.—J. J. Welch, R.C.N.C.
V.—Pure Mathematics.—Rev. J. F. Twisden, M.A.; A. R. Willis, M.A., D.Sc.; P. T. Wrigley, M.A.
VI.—Theoretical Mechanics.—Rev. J. F. Twisden, M.A.
VII.—Applied Mechanics.—T. M. Goodeve, M.A.; W. H. Greenwood. M. Inst. C.E.
VIII.—Sound, Light, and Heat.—A. W. Rücker, M.A., F.R.S.; W. G. Adams, M.A., F.R.S.; R. T. Glazebrook, M.A., F.R.S.
IX.—Magnetism and Electricity.—A. W. Rücker, M.A., F.R.S.; A. W. Reinold, M.A., F.R.S.; R. E. Baynes, M.A.
X.—Inorganic Chemistry.—W. A. Tilden, D.Sc., F.R.S.; W. N. Hartley, F.R.S.; J. E. Reynolds, D.Sc., F.R.S.
XI.—Organic Chemistry.—W. A. Tilden, D.Sc., F.R.S.; W. N. Hartley, F.R.S.; J. E. Reynolds, D.Sc., F.R.S.
XII.—Geology.—J. W. Judd, C.B., LL.D., F.R.S.
XIII.—Mineralogy.—F. Rutley, F.G.S.
XIV.—Human Physiology.—M. Foster, M.A., M.D. Sec. R.S.; A. S. Lea, M.A. Sc.D., F.R.S.
XV., XVI.—General Biology.—Zoology.—L. C. Miall, F.R.S.
XVII.—Botany.—S. H. Vines, M.A., D.Sc., F.R.S.; D. H. Scott, M.A., Ph.D.
XVIII.—Mining.—H. Bauerman, F.G.S.
XIX.—Metallurgy.—W. C. Roberts-Austen, C.B., F.R.S.; W. Gowland.
XX.—Navigation.—Rev. J. B. Harbord, M.A.
XXI.—Nautical Astronomy.—Rev. J. B. Harbord, M.A.
XXII.—Steam.—T. M. Goodeve, M.A.; W. H. Greenwood, M. Inst. C.E.

Subjects.

XXIII.—Physiography.—J. W. Judd, C.B., LL.D., F.R.S.; J. Norman Lockyer, C.B., F.R.S.

XXIV.—Principles of Agriculture.—H. Tanner, F.C.S.; R. Warington, F.R.S.

XXV.—Hygiene.—J. L. Notter, M.A., M.D.

Examiners for Art, 1895—

(1.) *For the National Competition.*—G. Aitchison, A.R.A.; H. H. Armstead, R.A.; E. F. Brewtnall, R.W.S.; T. Brock, R.A.; A. F. Brophy; Alan S. Cole; Hon. John Collier; E. Crofts, A.R.A.; L. F. Day; W. De Morgan; E. Onslow Ford, R.A.; G. J. Frampton, A.R.A.; A. Hacker, A.R.A.; H. Graham Harris, M. Inst. C.E.; T. Erat Harrison; T. G. Jackson, A.R.A.; G. D. Leslie, R.A.; Seymour Lucas, A.R.A., R.I.; W. Morris; F. J. Shields, A.R.W.S.; J. J. Stevenson; Hamo Thornycroft, R.A.; R. H. A. Willis, W. F. Yeames, R.A.

(2.) *For Art Examinations.*—Mrs. H. Allport; A. Aitchison; Professor G. Aitchison, A.R.A.; J. W. Allison; C. Armstrong; G. M. Atkinson; H. Baytield; A. A. Bradbury; E. F. Brewtnall, R.W.S.; T. Brock, R.A.; A. F. Brophy; M. A. Buckmaster; E. S. Burchett; S. B. Carlill; J. Clark; Miss J. Cole; Mrs. R. F. Cornish; W. Craister; E. Crofts, A.R.A.; E. Crompton; Eyre Crowe, A.R.A.; L. F. Day; W. J. Donne; W. Duckett; Miss Amy Fisher; E. Onslow Ford, R.A.; Miss A. Guest; Miss L. C. Gulley; J. Harrison, M. Inst. M.E.; T. Erat Harrison; F. W. Hayes; Miss Henniker; W. Hepworth; R. Howden, M.B.; A. Hughes; T. Kerr; L. M. Kilpin; G. McCulloch; A. W. F. Langman; P. Maitland; Miss E. M. Mason; H. G. Massey; W. F. Measom; W. J. Merritt; W. H. Milnes; E. Roscoe Mullins; W. Norris; John Parker, R.W.S.; G. S. Pendlebury; W. Pilsbury, A.R.W.S.; J. H. Pollen, M.A.; R. C. Puckett, Ph.D.; J. S. Rawle, F.S.A.; Miss Emily Ray; T. W. H. Robinson; J. J. Shaw; F. J. Shields, A.R.W.S.; J. Somerscales; Professor T. Roger Smith; J. H. Spain; A. Thomson, M.A., M.B.; W. G. Thomson; R. Tucker; R. H. A. Willis; Captain Woolner; W. F. Yeames, R.A.

SOUTH KENSINGTON MUSEUM.

Director (Science Museum).—Major-General E. R. Festing, F.R.S. (late R.E.).
Director (Art Museum).—J. H. Middleton, Litt. D., D.C.L., V.P.S.A.
Assistant Director.—C. Purdon Clarke, C.I.E., F.S.A.
Keepers.—W. I. Last; W. H. J. Weale; A. B. Skinner, B.A.; J. Barrett, B.A.; H. M. Cundall, F.S.A.; H. E. Acton; W. W. Watts.
Assistant Keepers.—G. H. Palmer, B.A.; A. F. Kendrick; T. A. Lehfeldt; T. F. Parkinson (*Resident Officer in charge of the Bethnal Green Museum*); S. Wood, B.Sc.; C. H. Wylde, M.R.A.S.; R. F. Martin; L. W. Fulcher, B.Sc.
Junior Assistant Keepers.—T. C. Grove; E. W. Denniss; E. F. Strange; P. G. Trendell; F. Ackroyd; H. W. Dickinson; H. P. Mitchell; A. J. D. Campbell; A. Van de Put.
Special and Technical Assistants.—A. Reid; W. T. Key; W. J. Hill; F. P. Macaulife; F. G. M. Beaumont; C. S. Clarke; E. R. J. Williams.

GEOLOGICAL SURVEY.

Director-General.—Sir Archibald Geikie, D.Sc., LL.D., F.R.S.
Director for Great Britain.—H. H. Howell.
District Surveyor.—W. Whitaker, B.A., F.R.S.
Geologists on the English Survey.—J. R. Dakyns, M.A.; R. H. Tiddeman, M.A.; H. B. Woodward; C. E. Fox-Strangways; J. J. H. Teall, M.A., F.R.S.; W. A. E. Ussher; A. C. G. Cameron; Clement Reid.
Assistant Geologists.—C. E. De Rance; F. J. Bennett; J. H. Blake; C. E. Hawkins.
Temporary Assistant Geologists.—A. J. Jukes Brown, B.A.; Aubrey Strahan, M.A.; W. W. Watts, M.A.; G. W. Lamplugh; W. Gibson.
Curators and Palæontologists.—G. Sharman; E. T. Newton, F.R.S.
Assistant in the Fossil Department.—H. A. Allen.
Fossil Collector.—J. Rhodes.
General Assistant.—Henry J. Gray.

SURVEY OF SCOTLAND.

Director.—H. H. Howell.
District Surveyor.—B. N. Peach, F.R.S.
Geologists.—John Horne, F.R.S.E.; W. Gunn; R. G. Symes, M.A.; B. S. N. Wilkinson.
Temporary Assistant Geologists.—C. T. Clough, M.A.; J. S. Grant-Wilson; G. Barrow; Lionel W. Hinxman, B.A.; J. B. Hill; H. Kynaston, B.A.; A. Harker, M.A.
Curator of Geological Collections, Edinburgh Museum.—J. G. Goodchild.
Assistant in the Fossil Department.—A. Macconochie.
Fossil Collector.—J. Bennie.
General Assistant.—Robert Lunn.

SURVEY OF IRELAND.

Senior Geologist.—J. Nolan, M.R.I.A.
Geologists.—F. W. Egan, B.A.; J. R. Kilroe; Alexander McHenry, M.R.I.A.
Temporary Assistant Geologist.—W. J. Sollas, D.Sc., M.A., F.R.S.
Assistant in the Fossil Department.—Richard Clark.

MUSEUM OF PRACTICAL GEOLOGY, JERMYN STREET.

Director.—Sir A. Geikie, D.Sc., LL.D., F.R.S.
Registrar, Curator, and Librarian.—F. W. Rudler.
Assistant (to Curator).—A. Pringle, M.A., B.Sc.
Assistant Librarian and Clerk.—C. V. Crook, B.A.

EDINBURGH MUSEUM OF SCIENCE AND ART.

Director.—Major-General Sir R. Murdoch Smith, K.C.M.G., (late) R.E.
Keeper of Natural History Collections.—Prof. R. H. Traquair, M.D., F.R.S.
Curator.—D. J. Vallance.
Assistant in Natural History Museum.—W. Eagle Clarke.
Junior Assistant.—P. H. Grimshaw.
Assistants in Industrial Museum.—W. Clark; C. N. B. Muston; T. W. Nash.
Clerks.—A. B. Steele; W. Bell.

Medical Officer.—T. M. Burn-Murdoch, M.B., C.M.

SCIENCE AND ART MUSEUM, NATIONAL LIBRARY, SCHOOL OF ART, AND ROYAL BOTANIC GARDENS, DUBLIN.

Visitors of the Science and Art Museum and Royal Botanic Gardens.—Lord Ardilaun, D.L., *President*; The Viscount Powerscourt, K.P., D.L.; The Earl of Rosse, K.P., F.R.S.; J. K. Ingram, Esq., LL.D., S.F.T.C.D.; Prof. E. P. Wright, M.D., J.P.; Rev. S. Haughton, M.D., D.C.L., F.R.S., S.F.T.C.D.; J. R. Garstin, Esq., D.L., F.S.A.; C. Uniacke Townshend, Esq., J.P.; Samuel F. Adair, Esq., J.P.; Hon. Judge Boyd, LL.D.; J. C. Meredith, Esq., LL.D.; Sir Howard Grubb, F.R.S.

Trustees of the National Library of Ireland.—Very Rev. Monsignor Molloy, D.D., D.Sc.; J. T. Gilbert, Esq., LL.D., F.S.A., M.R.I.A.; Arthur Vicars, Esq., Ulster, F.S.A.; Prof. E. P. Wright, M.D., J.P.; J. K. Ingram, Esq., LL.D., S.F.T.C.D.; John Joly, Esq., M.A., D.Sc., F.R.S.; Prof. Edw. Dowden, LL.D.; Lieut.-Colonel A. V. Davoren, J.P.; Sir Edward Sullivan, Bart.; Hon. Judge Boyd, LL.D.; Prof. D. J. Cunningham, M.D., F.R.S.; Prof. J. Mallet Purser, M.D., D.Sc.

GENERAL ADMINISTRATION.

Director and Secretary, Royal College of Science, Dublin.—Lieut.-Col. G. T. Plunkett, M.R.A.S., F.R.G.S. (late R.E.)
Chief Clerk.—H. B. White, M.A., C.E.
Clerk of Accounts.—C. W. Steele.
Clerk and Registrar.—G. S. Watts.
Clerk.—

Medical Officer.—H. T. Bewley, M.D., B.Ch., &c.

SCIENCE AND ART MUSEUM.

Keeper, Natural History Department.—R. F. Scharff, Ph.D., B.Sc.
Assistants in Natural History Department.—A. R. Nichols, B.A., M.R.I.A.; G. H. Carpenter, B.Sc.
Keeper, Art and Industrial Department.—T. H. Longfield, M.R.I.A., F.S.A.
Assistants in Art and Industrial Department. J. J. Buckley; E. P. Alabaster.
Keeper of Herbarium.—T. Johnson, D.Sc.
Technical Assistants.—R. Pride; A. McGoogan.
Museum of Irish Antiquities. Keeper.—Major MacEniry.

NATIONAL LIBRARY OF IRELAND.

Librarian.—T. W. Lyster, M.A.
Assistant Librarians.—R. L. Praeger, B.A.; W. K. Magee, B.A.

ROYAL BOTANIC GARDENS.

Keeper.—F. W. Moore, M.R.I.A.

METROPOLITAN SCHOOL OF ART.

Head Master.—James Brenan, R.H.A.
Assistant Master.—F. Luke.
Principal Mistress.—Miss M. Julyan.
Instructor in Modelling.—J. J. Hughes.
Assistants, M. J. Buckley (*Machine Drawing and Building Construction*); Mrs. D. Barden; J. T. Miles; Miss A. Jacob.
Occasional Lecturers.—Prof. Alexander Fraser, M.B., *Artistic Anatomy;* Sir T. N. Deane, R.H.A., F.R.I.B.A., *Architecture.*

ROYAL COLLEGE OF SCIENCE, DUBLIN.

Dean of Faculty, Session 1895–96.—J. P. O'Reilly, C.E., M.R.I.A.
Clerk (*Second Division*).—C. J. Bateman.

Medical Officer.—H. T. Bewley, M.D., B.Ch., &c.

PROFESSORS.

Physics.—W. F. Barrett, F.R.S.E., M.R.I.A.
Chemistry.—W. N. Hartley, F.R.S., F.C.S., F.R.S.E.
Geology.—G. A. J. Cole, F.G.S.
Applied Mathematics and Mechanism.—W. McFadden Orr, M.A.
Botany.—T. Johnson, D.Sc., F.L.S.
Zoology.—A. C. Haddon, M.A., F.Z.S., M.R.I.A.
Descriptive Geometry, Engineering, and Mechanical Drawing.—J. Lyon, M.A.
Mining and Mineralogy.—J. P. O'Reilly, C.E., M.R.I.A.

Assistant to Professor of Physics.—W. Brown.
Assistant Chemist.—Hugh Ramage, A.I.C.
Assistant in Descriptive Geometry and Engineering (*Assistant in Drawing School*).—J. Taylor.
Demonstrator in Palæontology, Botany, and Geology.—A. V. Jennings.
Demonstrator in Zoology.—C. H. Hurst.
Demonstrator for Chemistry and Assaying.—J. H. Pollok, B.Sc.
Demonstrator in Applied Mathematics.—J. P. Johnston.

ROYAL HIBERNIAN ACADEMY.

Secretary.—S. C. Smith, R.H.A.

LIST of PRESIDENTS and VICE-PRESIDENTS from 1852 to 1895.

BOARD OF TRADE.

1852. Rt. Hon. H. Labouchere, M.P.
,, Rt. Hon. J. W. Henley, M.P.
1853. Rt. Hon. Edward Cardwell, M.P.
1855. Rt. Hon. Lord Stanley of Alderley.

COMMITTEE OF COUNCIL ON EDUCATION.

1856. The Earl Granville, K.G.
,, Rt. Hon. W. E. Cowper, M.P.
1858. The Marquess of Salisbury, K.G.
,, Rt. Hon. Sir C. B. Adderley, K.C.M.G., M.P.
1859. The Earl Granville, K.G.
,, Rt. Hon. Robert Lowe, M.P.
1864. Rt. Hon. H. A. Bruce, M.P.
1866. The Duke of Buckingham and Chandos.
,, Rt. Hon. H. T. Lowry Corry, M.P.
1867. The Duke of Marlborough, K.G.
,, Rt. Hon. Lord Robert Montagu, M.P.
1868. The Marquess of Ripon, K.G.
,, Rt. Hon. W. E. Forster, M.P.
1873. The Lord Aberdare.
,, Rt. Hon. W. E. Forster, M.P.
1874. The Duke of Richmond and Gordon, K.G.
,, Rt. Hon. Viscount Sandon, M.P.
1878. Rt. Hon. Lord George Hamilton, M.P.
1880. The Earl Spencer, K.G.
,, Rt. Hon. A. J. Mundella, M.P.
1883. The Lord Carlingford, K.P.
1885. The Viscount Cranbrook, G.C.S.I.
,, Rt. Hon. Edward Stanhope, M.P.
,, Rt. Hon. Sir H. T. Holland, Bart., G.C.M.G., M.P.
1886. The Earl Spencer, K.G.
,, Rt. Hon. Sir Lyon Playfair, M.P.
,, The Viscount Cranbrook, G.C.S.I.
,, Rt. Hon. Sir H. T. Holland, Bart., G.C.M.G., M.P.
1887. Rt. Hon. Sir W. Hart Dyke, Bart., M.P.
1892. Rt. Hon. the Earl of Kimberley, K.G.
,, Rt. Hon. Arthur H. Dyke Acland, M.P.
1894. Rt. Hon. the Earl of Rosebery, K.G.
1895. The Duke of Devonshire, K.G.
,, Rt. Hon. Sir John E. Gorst, Q.C., M.P.

HISTORY AND GENERAL SUMMARY OF REGULATIONS

OF THE

DEPARTMENT OF SCIENCE AND ART OF THE COMMITTEE OF COUNCIL ON EDUCATION.

In the year 1835 a Select Committee of the House of Commons was appointed on the motion of Mr. William Ewart, M.P. for Liverpool, "to inquire into the best means of extending a "knowledge of the Arts and of the Principles of Design among the "people (especially the manufacturing population) of the country." The Committee, which was re-appointed in the following session, and reported in 1836, recommended the establishment of Schools of Design. In accordance with this recommendation a proposal was made to the Treasury by the Lords of the Committee of Privy Council for Trade, dated 11th July 1836, that a sum of 1,500*l.* should be taken in the Estimates for the establishment of a Normal School of Design with a Museum and Lectures. The Treasury having consented, the President of the Board of Trade (Mr. Poulett Thompson) called a meeting, which was held on the 19th December 1836, of certain Royal Academicians and others interested in Art. These gentlemen were, early in 1837, constituted the "Council of the Government School of Design," the members being unpaid, and the Vice-President of the Board of Trade being an *ex officio* member of the Council. Rooms in Somerset House, which had formerly been occupied by the Royal Academy, were granted to the Council, and the School opened on the 1st of June 1837. In 1841 the Government decided to assist in the formation and maintenance of Schools of Design in the manufacturing districts, giving an annual grant for the training and payment of teachers, for the purchase of casts, and the preparation of models for the use of the Schools.

Origin of Department.

Committee of House of Commons, 1835.

Recommendation to Treasury.

First Estimate for School of Design, 1836.

Council of the School of Design.

Opening of School of Design, 1837.

Annual Grant to provincial Schools of Design.

In 1842 the Board of Trade reconstituted the Council, increasing the number of members to 24, and placed the School of Design under the management of a Director, who was to be controlled by the Council. The Parliamentary Vote for "Schools of Design," which was administered by the Board of Trade, had increased in 1851–2 to 15,055*l.*; there being 17 branch schools in such centres of industry as Manchester, Birmingham, Glasgow, Leeds, and Paisley, the expenditure on which absorbed nearly one-half of the vote.

Central School of Design placed under a Director.

Vote administered by Board of Trade.

An inquiry into these Schools by a Select Committee of the House of Commons in 1849 showed that they were not working satisfactorily. New principles of management were therefore introduced in 1852 by the President of the Board of Trade, Mr. Labouchere, and by Mr. Henley who succeeded him. The Council was abolished, and a "Department of Practical Art"

Inquiry by House of Commons Committee, 1849.

Constitution of Department of Practical Art, 1852.

was constituted, with a General Superintendent (Mr. Cole) and an Art adviser (Mr. Redgrave).

Reference to Department in Speech from the Throne, 1852.

In the Speech from the Throne at the opening of Parliament in November 1852 (Lord Derby being First Lord of the Treasury, and Mr. Disraeli Chancellor of the Exchequer) Her Majesty stated that, "The advancement of the Fine Arts and of Practical "Science will be readily recognised by you as worthy the "attention of a great and enlightened nation. I have directed "that a comprehensive scheme shall be laid before you, having "in view the promotion of these objects, towards which I invite "your aid and co-operation." A change of Ministry having shortly afterwards taken place the scheme was carried out in the following year, 1853, by the Government of Lord Aberdeen, Mr. Cardwell being President of the Board of Trade. The scope of the Department was enlarged; a Science division was added;

Creation of Department of Science and Art, 1853.

and the "Department of Science and Art" was created. The title of the Chief Executive Officer was successively changed to "Joint Secretary [with Dr. Lyon Playfair] and Inspector," and "Inspector General."

Creation of Education Department, 1856.

The Department remained under the control of the Board of Trade until the Education Department was constituted by an Order in Council of the 25th February 1856 and the 19 & 20 Vict. c. 116. to include, "*a*. The Educational Establishment of the "Privy Council Office; *b*. The Establishment for the encourage-"ment of Science and Art, now under the direction of the "Board of Trade, and called the Department of Science and "Art." These two Departments were placed under the Lord

Education and Science and Art Departments [illegible].

President of the Council, assisted by a member of the Privy Council who is called the Vice-President of the Committee of Council on Education, and who acts under the direction of the Lord President, and for him in his absence.

From Somerset House the Department of Science and Art had in 1852 been removed to Marlborough House, and in 1857, *see* pp. xxii and xl, to South Kensington. The title of the Chief Executive Officer was changed to Secretary and General Manager, and subsequently to Secretary of the Department of Science and Art and Director of the South Kensington Museum.

Treasury Commissions of Inquiry.

The establishment was reported upon at various times by four Treasury Commissions—in 1853 of Sir Charles Trevelyan and Sir Stafford Northcote; in 1857 of Lord Granville, Sir Stafford Northcote, and Sir Charles Trevelyan; in 1858 of Lord Monck, Sir William Stephenson, and Captain Douglas Galton; and in 1865 of Mr. Bruce, Sir Charles Trevelyan, and Mr. Spencer Shelley.

Change of Executive, 1873.

On the retirement of Sir Henry Cole, K.C.B., in May 1873, the Department was reorganised and the then Assistant Secretary and Accounting Officer (MacLeod of MacLeod) was made an Assistant Secretary of the Education Department and Principal Officer at South Kensington. Directors of the Science, Art, and Museum Divisions were at the same time appointed, and the Secretary of the Education Department, Sir F. Sandford, K.C.B., was made

Secretary, and given executive control, of the Department of Science and Art.

Present constitution.

On Mr. MacLeod's retirement in December 1881, the Director of the Science Division, Colonel (now Sir John) Donnelly was appointed an Assistant Secretary of the Education Department and Chief Executive Officer at South Kensington. And in 1884 he was, on Sir F. Sandford's retirement, appointed Secretary and Permanent Head, and Accounting Officer, of the Department of Science and Art, retaining the office of Director of the Science Division until 1893 when Capt. Abney, C.B., F.R.S., was promoted thereto. In 1891 the staff was increased by the appointment of an Assistant Secretary, Mr. G. F. Duncombe.

Parliamentary votes.

The Parliamentary Vote for 1856–7 was 64,675*l.*, while the Estimate for 1895–6 was £727,155. The various stages of this development will be indicated hereafter. From 1856 to 1870 the grant for buildings at South Kensington was taken with the vote for the Department of Science and Art. Since 1871 it has been taken by H.M. Office of Works.

Charter of Incorporation, 1864.

The Department of Science and Art was incorporated by Royal Charter dated 30th April 1864.

Technical Education.

By the Technical Instruction Act, 1889, the council of any county or borough, or any urban sanitary authority in England and Wales, and in Ireland the urban or rural sanitary authority, is empowered to levy a rate to supply or aid the supply of technical or manual instruction.

England and Wales.

Under the Local Taxation (Customs and Excise) Act, 1890, the "residue" is applicable, at the option of the local authorities, to Technical Education, including Science and Art Instruction. The residue varies from year to year. Thus in the financial year 1893–4, it amounted in England and Wales to about 786,000*l.*, and in Scotland to 54,000*l.* while in 1894–5 the amounts were respectively about 755,000*l.* and 40,000*l.* A Return has recently been made to the Department of Science and Art (which is in the press and will shortly be issued as a Parliamentary Paper), showing the manner in which, and the extent to which, local authorities are devoting those funds, as well as funds raised out of the local rates, to educational purposes. From the Return it appears that 41 out of the 49 County Councils in England (excepting the County of Monmouth) are applying the whole of the residue to Technical Education, and eight a part of it; and that of the 61 Councils of the English County Boroughs, 55 are devoting the whole, and five a part to the same purpose; while in one case only (the County Borough of Preston) no part of the residue is being so applied. It further appears that the Councils of 11 County Boroughs, 51 Boroughs, and 86 Urban Districts, in England, are making grants out of the rates under the Technical Instruction Acts. In several cases Local Authorities are also devoting funds to Technical Education out of the rate levied under the Public Libraries' Acts. The 13 County Councils and the Councils of the three County Boroughs in Wales and Monmouth are devoting

practically the whole of the residue to Intermediate and Technical Education, chiefly under the Welsh Intermediate Education Act, 1889. Further, the Councils of eight Counties and County Boroughs, and eight Boroughs and Urban Districts, in Wales and Monmouth, are making grants out of the rates under the Technical Instruction Acts; and one local authority is devoting part of the Public Libraries' rate to Technical Education. The Return shows that the total amount expended on Technical Education during the year 1893–94, in England and Wales, was 610,119*l.* 15*s.* 5*d.*; and that the estimated total expenditure on Technical Education for the year 1894–95 was 696,710*l.* 19*s.* 10*d.* The estimated total amount to be devoted annually to Intermediate and Technical Education in Wales and Monmouth, under the Welsh Intermediate Education Act, 1889, is 42,861*l.*

Scotland. In Scotland, School Boards may establish and maintain Technical Schools under the Technical Schools (Scotland) Act, 1887. The School Boards of Arbroath, Old Monkland, Elgin (Burgh), Galashiels (Burgh) and Dalziel have availed themselves of the provisions of that Act. The Technical Instruction Amendment (Scotland) Act, 1892, provides facilities for the application of the residue received under the Local Taxation (Customs and Excise) Act to Technical Education. From the Return it is found that 21 out of the 33 County Councils are applying the whole of the residue to Technical Education, and nine a part of it (two of these not having decided as to the appropriation of the balance), while three are applying the residue to the relief of rates. Of the 195 Burghs and Police Burghs, 32 are applying the whole and 55 a part of the residue to Technical Education; two are considering the matter; 102 are applying the whole to the relief of rates; and four have not furnished returns. The Return shows that the total amount expended on Technical Education during the year 1893–94, in Scotland, was 33,172*l.* 13*s.* 3*d.*; and that the estimated total expenditure on Technical Education for the year 1894–95 was 35,960*l.* 18*s.* 9*d.* These amounts include 987*l.* 18*s.* 10*d.* and 901*l.* 6*s.* 3*d.*, expended by School Boards under the provisions of the Technical Schools (Scotland) Act, 1887, during the years 1893-94, and 1894–95, respectively.

Ireland. In Ireland, no part of the residue under the Local Taxation (Customs and Excise) Act is applicable to Technical Instruction. Consequently, the Department makes grants in aid of such instruction. Under the revised regulations issued in 1892, the grant is made to the school aided by the local authority, and is equal in amount to the sum contributed out of the rates for instruction in subjects other than those for which the Department gives aid under the Science and Art Directory, provided that the subjects of instruction are approved by the Department, and the Inspector of the Department reports that the instruction is properly given. The following local authorities have levied a rate or decided to make grants out of the rates under the Technical Instruction Act, 1889, viz.: Dublin (1*d.* rate); Belfast

Cork (½*d.* rate); Londonderry; Galway (1*d.* rate); Galway Union (1*d.* rate); Gort Union (½*d.* rate); Pembroke Township, co. Dublin (1*d.* rate); Limerick; Killarney; Claremorris Union (¼*d.* rate); Portumna Union (½*d.* rate). The Return shows that the total amount expended on Technical Education out of rates levied under the Technical Instruction Acts and the Public Libraries' Acts, by nine local authorities in Ireland, during the year 1893–94, was 4,339*l.* 9*s.* 11*d.*, and that the estimated total expenditure on Technical Education for the year 1894–95 was 4,748*l.* 16*s.* 6*d.*

167 local authorities have obtained Minutes under Section 8 of the Technical Instruction Act, 1889, sanctioning aid being given to instruction in subjects other than those included in the Science and Art Directory; the number of Minutes issued being 327. Nine local authorities in Scotland have obtained similar Minutes under Section 4 of the Technical Instruction Amendment (Scotland) Act, 1892.

(a.) *The Science Division of the Department.*

When the Department was enlarged in 1853 so as to embrace Science as well as Art, the Board of Trade submitted to the Treasury, by desire of the First Lord of the Treasury, a detailed scheme for carrying into effect the announcement in the Queen's speech which has been already quoted. The scheme, dated 16th March 1853, in which the Treasury concurred, was intended "to "extend a system of encouragement to local institutions for "Practical Science, similar to that already commenced in the "Department of Practical Art." The Treasury Minute states that their Lordships agree "that that object"—the advancement of Practical Science—"will be best attained by the creation in the "Metropolis of a School of the highest class capable of affording "the best instruction and the most perfect training" and by aiding in the establishment of local institutions for Science instruction, such institutions being made as largely self-supporting as possible. Origin.

The scheme also united in one Department, under the Board of Trade, the Government School of Mines and of Science applied to Mining and the Arts, the Museum of Practical Geology, the Geological Survey, the Museum of Irish Industry, and the Royal Dublin Society; all these institutions being in the receipt of Parliamentary Grants. Fusion of various Institutions.

Until the end of 1854 there was a separate Secretary for Science (Dr. Lyon, now Lord, Playfair) who discharged also the functions of Inspector of Local Schools. It being found inconvenient in practice that the duties of Inspector and Secretary should be united in the same individual, Mr. Cole was appointed Inspector-General and Dr. Playfair became sole Secretary; but was afterwards made Inspector-General for Science. On his resignation in 1858, this office fell into abeyance, but its duties were carried on by Captain Donnelly, R.E., who was appointed Inspector for Science in December 1859. In 1866 the head Administration.

of the Science Division was given the title of Official Inspector for Science, and in 1874 that of Director for Science.

Aid to Science Schools and Classes.

Though the principle of granting aid to Science Schools and Classes was established in 1853, no general system of making grants applicable to the whole country was formulated until 1859. Experimental schools were established by special Minutes adapted to the circumstances of each case after negotiation with the locality. The arrangements generally were that the teachers should receive payments from the Department in the nature of certificate allowances; and that their incomes from fees, subscriptions, &c., should be guaranteed by the Department for a certain number of years at amounts which varied in different cases. In this way Science Schools were opened at Aberdeen, Birmingham, Bristol, Barking, Leeds, Newcastle-on-Tyne, Poplar (a Trade School in connexion with the Navigation School), Stoke-on-Trent, St. Thomas' Charterhouse, Truro, Wigan, and Wandsworth. But after a short time many of them failed, so that in 1859 the only places where Science classes,—irrespective of the Navigation Schools—were in operation under the Department, were Aberdeen, Birmingham, Bristol, and Wigan. The number of persons attending these classes was 395. In that year (1859), the late Marquis of Salisbury being Lord President, the first general Science Minute was passed

Minute of 1859.

This enabled any place to establish Science classes and to obtain State aid according to certain fixed rules.

Subjects first aided.

The subjects towards instruction in which aid was obtainable were at first only the following six:—

1. Practical Plane and Solid Geometry, with Mechanical and Machine Drawing.
2. Mechanical Physics.
3. Experimental Physics.
4. Chemistry.
5. Geology and Mineralogy.
6. Natural History, including Zoology and Botany.

Qualification of Teachers.

The teachers were required to have passed the examination of the Department and obtained a certificate of competency to teach.

Nature of aid.

Payments on Results originated.

The aid consisted of certificate allowances, earned by passing a certain number of pupils; additional payments for pupils who obtained prizes; grants towards the purchase of apparatus books, &c.; and prizes and medals to the students. As the certificate allowance was treated as a maximum sum obtainable, portions only of which were payable on the success of each pupil, this aid was essentially a payment on results. And this was the first experiment in a general system of payments on results by the State.

Navigation Schools.

The Navigation Schools remained on a somewhat different system for some years, but eventually they were put on the same footing as other Science classes, the subjects of instruction in them being incorporated with the list of Science subjects.

The first examination for teachers was held in November 1859. A number of new Schools and Classes were rapidly formed, so that in May 1861 at the first general and simultaneous Examination of Classes there were 38 classes with 1,300 pupils, irrespective of some 800 pupils in classes not under certificated teachers. Examination of Teachers. [illegible]

In 1862 there were 70 schools with 2,543 pupils in 149 classes, the payments to which amounted to 2,000*l*. In 1872 there were 948 schools with 36,783 pupils in 2,803 classes, the direct payments on results to which amounted to 24,293*l*.

In 1867 the special examination for teachers' certificates was abolished, and it was decided that any person who passed in the advanced stage, or in honours at the ordinary general examination in May should be qualified to earn payments on results. In 1888 the qualification was raised to a first class in the Advanced Stage or a pass in Honours. [illegible]

In 1867 a system of aiding local efforts in establishing Local Scholarships and Exhibitions was introduced to assist and carry forward the higher instruction of students in Science or Art. Local Scholarships and Exhibitions.

The late Sir Joseph Whitworth, in 1868, founded scholarships of the total value of 3,000*l*. a year, and vested them in the Lord President or other Minister of Public Instruction for the time being, for the purpose of promoting the mechanical industry of this country by aiding young men in acquiring proficiency in Engineering. In the first year 1868, 60 Exhibitions of 25*l*. each were given to various educational institutions to be awarded to deserving students to enable them to prepare themselves for the first scholarship competition in 1869. In this year, and each successive year up to 1874 inclusive, 10 scholarships were awarded of the value of 100*l*. a year each tenable for three years. The competition was open to all Her Majesty's subjects under 26 years of age, and it consisted partly of examinations in certain specified theoretical subjects, and partly of tests in practical workmanship, the number of marks to each being so arranged as to give as nearly as possible an equal chance to the highly qualified student and the skilled workman. A certain minimum of theoretical knowledge was required from the workman and of practical skill from the student, but all were left free to obtain this knowledge and skill in the way most convenient to themselves. Fifty scholars were appointed under these rules. Whitworth Scholarships [illegible]

From 1874 to 1878 six scholarships were awarded annually. The value of these scholarships was also 100*l*. a year each as under the previous rules, but there were in addition a large number of prizes, ranging from 10*l*. to 200*l*. each, given from the endowment fund, the arrangements being such that it was possible for the same scholar to receive during his tenure of the scholarship a total amount of 800*l*. The limit of age on appointment was reduced to 22 years. Each candidate was required to have

worked for at least two years in a mechanical workshop or drawing office. Thirty two scholars were appointed under these rules. In 1879 eight scholarships of 125*l.* a year each for three years were awarded, the prizes being discontinued.

Present form of Scholarship.

By regulations adopted in 1880, and which remained in force till 1887, the scholarships were virtually converted into prizes. 25 were given annually of values ranging from 200*l.* to 100*l.* each. They were tenable for one year only, and the limit of age for candidates was again raised to 26 years. The competition was in theoretical subjects, but the candidate was required to have been engaged in handicraft in the workshop of a mechanical engineer for at least three years.

In 1887 the regulations of 1880 were modified as follows: 30 exhibitions each tenable for one year were established, some being of the value of 100*l.* and the rest of 50*l.* each. 12 scholarships tenable for three years were established of the value of 125*l.* a year each, four to be awarded each year. The subjects and general rules of competition, limit of age, and requirements as to experience in practical workmanship, as fixed in 1880, remain unaltered. The names of the Whitworth Scholars and Exhibitioners will be found at p. 419, *et seq.*

Grants towards Laboratory Instruction.

In 1870 the grants for Science instruction were enlarged by the addition of special grants for laboratory instruction with payments on account of the practical work of the students. These special grants are now made both in Chemistry and Metallurgy.

Training Colleges examinations.

In 1878 special regulations were framed for the examination in science of the students in Training Colleges. They were, from 1878 to 1894, examined in December, and placed on a somewhat different footing to students of ordinary Science classes. In 1895 the examination of Training Colleges was in July. In future it will take place in May.

Newton and Allen Memorial Prize.

In 1879 the Amalgamated Society of Engineers placed a sum of 190*l.*, which had been subscribed as a memorial to Messrs. Newton and Allen, in the hands of the Department in order that the interest might be applied annually for a prize to that student, from a list submitted by the Society, who did best in certain subjects at the May examination of the Department.

Marshall Bequest.

In 1891 Miss Sarah Marshall, besides bequeathing a collection of books and microscopes for the use of students in Biological Science, left 1,000*l.* to the Department, to be invested and the interest applied for prizes or scholarships, or in any way that may be considered best for the promotion of Biological Science.

Training of Science Teachers.

Arrangements have been made from time to time for the training of teachers of Science schools. (*See* under the head of the Royal College of Science, p. xxx.)

Present system of aid.

The rules under which grants are made to Science Schools are contained in the "Science and Art Directory." Briefly stated they are as follows. Each school or class must be under a

properly constituted and approved Local Committee of at least five known and responsible persons. The subjects towards instruction in which aid is granted are:—

Subjects.

Subject 1. Practical, Plane, and Solid Geometry.
" 2. Machine Construction and Drawing.*
" 3. Building Construction.*
" 4. Naval Architecture.*
" 5. Mathematics.
" 6. Theoretical Mechanics.
a. Solids.
b. Fluids.
" 7. Applied Mechanics.
" 8. Sound, Light, and Heat, Elementary Stage.
a. Sound,* Advanced Stage, and Honours.
b. Light* " " "
c. Heat* " " "
" 9. Magnetism and Electricity.*
" 10. Inorganic Chemistry [Theoretical].
" 10*p*. Inorganic Chemistry [Practical].
" 11. Organic Chemistry [Theoretical].
" 11*p*. Organic Chemistry [Practical].
" 12. Geology.*
" 13. Mineralogy.
" 14. Human Physiology.*
" 15. General Biology.
" 16. Zoology.*
" 17. Botany.*
" 18. Principles of Mining.
" 19. Metallurgy [Theoretical].
" 19*p*. Metallurgy [Practical].
" 20. Navigation.
" 21. Nautical Astronomy.*
" 22. Steam.
" 23. Physiography.
" 24. Principles of Agriculture.*
" 25. Hygiene.

Each subject is subdivided into three stages or courses—the Elementary, the Advanced, and Honours—except Mathematics, which is subdivided into seven stages, with "Honours" in three groups of stages. Division of stages.

The assistance granted by the Department is in the form of— Nature of assistance now granted by Department.

1. Examinations, in which Queen's Prizes and medals are awarded, held annually about May at all places complying with certain conditions.

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* In the subjects marked with an asterisk there may be a practical as well as a written examination in Honours.

Nature of assistance now granted by the Department.—*cont.*

2. Payments on the results of examination, and attendance grants both fixed and variable.
3. Scholarships and Exhibitions.
4. Building Grants, and in Ireland grants towards the purchase of apparatus, &c.
5. Supplementary grants in certain subjects.
6. Aid to teachers in training while attending the Royal College of Science and the National Art Training School, South Kensington, the Royal College of Science, Dublin, and other approved centres.

The form in which the aid to classes is given is different in ordinary Science Schools or Classes and in Organised Science Schools. In ordinary schools payments are made on the results of the May examinations on account of the instruction of students of the industrial classes—all those whose incomes do not exceed 500*l*. a year being included in this category—or of their children. The payments are 2*l*. for a pass in the Elementary Stage, 2*l*. 10*s*. and 5*l*. for a second or first class respectively in the Advanced Stage, and 4*l*. and 8*l*. for a second or first class respectively in Honours. Additional payments are made for practical Chemistry, and practical Metallurgy. Payments on results can only be claimed if 28 lessons at least have been given to the class, and each student on whose account payment is claimed must have received not less than 20 lessons. In 1895 new rules were introduced by which schools were permitted to elect to receive grants partly on attendance and partly on results.

Under certain conditions a small number of Queen's prizes of books, instruments, &c. are given to those students in a school who do best in the Advanced Stage of each subject, or in the second or any higher stage of mathematics.

Bronze medals are given to all candidates who obtain a first class in Honours.

System of examinations.

The questions for the examinations are prepared by a staff of professional examiners and the answers are examined by them with the aid of assistants. The examinations in each subject are held simultaneously throughout the kingdom. They were formerly entirely supervised by the Local Committees, but as the number of classes and examinations multiplied it was found that this imposed too great a strain on local voluntary effort in the large towns, and a system of paid Special Local Secretaries and Assistants, nominated by the Local Committees, was instituted in 1870 for such centres, one moiety of the cost being provided by the locality and the other by the Department.

Special Local Secretaries.

Organised Science Schools.

The method of aiding Organised Science Schools is somewhat different. With a view of encouraging the establishment of

schools giving methodical and systematic instruction in Science, attendance grants were offered in the Directory for 1872 to such as adopted one or other of the special courses therein formulated. The attendance grant in these Organised Science Schools, as they were termed, was at first 10*s.* for each pupil who had attended the day school 250 times and passed in one of the specified subjects of Science, and 5*s.* for each pupil who in the night school made 75 attendances and passed in one of the specified subjects of Science. These payments, which were in addition to the ordinary payments on results, were increased in 1892 to 1*l.* and 10*s.* respectively. These schools increased steadily till 1894, when they numbered 102. The rules in the Directory for that year also required that the time table of the Organised Science School should provide for a due amount of literary instruction.

In 1895 both the curriculum and method of payment of Organised Science Schools were greatly modified. New special courses of instruction in Science were laid down. Manual instruction, and instruction in literary and commercial subjects, became an integral part of the regular work of the Organised Science School, to which a certain time has to be devoted and on which the grants in part depend. Payments on results were greatly reduced and, in addition to an increased attendance grant of 1*l.* 10*s.* per 400 attendances on all students attending the full course of instruction, and who had made at least 250 attendances during the school year, a variable grant of 35*s.*, 30*s.*, and 25*s.*, on each pupil who had qualified for an attendance grant, was introduced, as well as certain other special grants for practical work. The payments on results, which are only made in the advanced courses of the organised Science School programme, still depend on the general examinations in May, but are on a different scale. The variable grant is based on the report by the inspector of his inspection of the general work of the school.

The Science and Art Scholarships and Local Exhibitions are as follows :— Scholarships and Local Exhibitions.

The *Science and Art Scholarships* are awarded in competition among the pupils of any elementary school or schools, or of an organised day science school ; the absolute terms of the competition and the award of the scholarship being left to the managers of the school, subject to the approval of the Department of Science and Art. The object of the scholarship is to provide a maintenance allowance for the successful competitor while pursuing his studies for one, two, or three years, at a day school approved by the Department. This day school may be either the school in connexion with which the scholarship is awarded, or a school where instruction of a more advanced character is given. Local Science and Art Scholarships.

Local Science and Art Scholarships—*cont.*

The committee of the local fund contribute 5*l.* each year. For the first year the local contribution is supplemented by the Department with a grant of 4*l.*; for the second year with a grant of 7*l.*; and for the third year with a grant of 10*l.* But it rests with the locality to decide whether the scholarship shall be tenable for one, two, or three years. With any number of pupils up to 100 on the register of the school or group of schools there can be but two such scholarships; above 100 and up to 150, three; above 150 and up to 200, four scholarships, and so on.

The scholar must be a student of the industrial class, as defined in the Science and Art Directory; at the time of first appointment must be under 16 years of age; must continue regularly to attend a day school, and in the first year, and in each succeeding year during which the Scholarship is held be presented at the May examinations in one or more subjects of Science or of Art, and show by the results obtained that satisfactory progress has been made.

Local exhibitions.

The Local Exhibition is to enable the holder to complete his education at some college or school where a thorough course of Science, or of Art, instruction of an advanced character may be obtained. Grants of 25*l.* per annum, for one, two, or three years are made for this purpose when the locality raises a like sum by voluntary subscriptions. And if the student attend a State school, such as the Royal College of Science or the National Art Training School in London, the Royal College of Science or the Metropolitan School of Art in Dublin, the fees are remitted. The exhibition must be awarded in competition at the examinations of the Department.

The following exhibitions, scholarships, and studentships are given in competition at the May examinations in Science:—

Royal exhibitions.

Royal Exhibitions of the value of 50*l.* per annum, with free admission to the lectures and laboratories, tenable for three years at the Royal College of Science, London, or at the Royal College of Science, Dublin. Seven are awarded each year—four to the Royal College of Science, London, and three to the Royal College of Science, Dublin.

National Scholarships.

National Scholarships tenable at either the Royal College of Science, London, or at the Royal College of Science, Dublin, at the option of the scholar. They entitle the holders to free instruction for three years, and to a maintenance allowance of 30*s.* a week during the session of about 40 weeks each year. The scholarships are only open to students of the industrial class. Twenty-two are awarded each year, one-half of these being given for proficiency in all the subjects of Science in which examinations are held by the Department taken conjointly, and the remaining half for proficiency in special groups of allied subjects.

Free Studentships.

Free Studentships, of which six are awarded each year under the same conditions as the Royal Exhibitions at the Royal College of Science, London.

The names of those who have held Royal Exhibitions and National Scholarships will be found at pp. 425 and 428.

Building grants.

Building grants, which had been made to Art Schools since 1856, were extended to Science Schools in 1868. They are made in aid of a new building, or for the adaptation of an existing building, for a School of Science at a rate not exceeding 2*s.* 6*d.* per square foot of internal area, up to a maximum of 500*l.* for any one school, provided that certain conditions are complied with, and that the school be built either under the Public Libraries and Museums Act, or in connexion with a School of Art, aided by a Department building grant. A table showing the Building Grants made to Schools of Science and Art will be found at p. 457.

Apparatus grant

Grants were formerly made towards the purchase of fittings, apparatus, diagrams, &c., but since the passing of the Local Taxation (Customs and Excise Act) they have been discontinued, except in Ireland. Collections of apparatus are lent to schools for short periods.

Commons Committee of 1868 and Royal Commissioners of 1870.

The system of Science Instruction and the aid granted to it were considered by a Select Committee of the House of Commons in 1868 and by the Royal Commission on Scientific Instruction and the Advancement of Science in 1870.

The following table shows the total numbers receiving instruction in Science in the years 1884 and 1894 respectively :—

—	Year.	Number of Institutions.	Number of Classes.	Number of Persons examined.	Number of Worked Papers.	Direct Payments on Results.
						£
Science Schools	1884	1,463	5,001	46,776	86,910	56,533
	1894	2,602	9,433	99,818	188,773	140,390
Training Colleges	1884	39	128	2,626	3,915	5,104
	1894	50	246	4,805	9,093	10,248
Organized Science Schools	1884	6	—*	—*	—*	—*
	1894	93	—*	—*	—*	—*

* Included in statistics for Science Schools.

Staff.

The staff of the Science, as well as that of the Art, Division will be found at pp. iv and xxix.

(b.) *The Art Division of the Department.*

Objects of Department of Practical Art, 1852.

The minute for the re-organisation of the Schools of Design in 1852 and the formation of the Department of Practical Art to which reference has been made on pages viii and ix, states that the three principal objects of the new Department were to be—

(*a.*) The promotion of elementary instruction in drawing and modelling.

(*b.*) Special instruction in the knowledge and practice of ornamental Art.

(*c.*) The practical application of such knowledge to the improvement of manufactures.

Art Teachers' Class at Marlborough House.

Classes for designers.

Examples for drawing were therefore prepared which Elementary Schools might obtain at half the cost price, and a class for the instruction of teachers of such schools was opened at Marlborough House, under Mr. R. Burchett. Special classes were also established for technical instruction in Art, *i.e.*, for training designers for Woven Fabrics of all kinds and Paper Staining, under Mr. Octavius Hudson; for Metal Work (repoussé, chasing, casting, forming, &c.), Architecture and Construction, under Prof. Semper; and for the teaching of Porcelain Painting, under Mr. Simpson; Wood Engraving, under Mr. John Thompson; and for Lithography, Casting, and Moulding. These classes were supplemental to the courses of instruction in Drawing, Painting, Modelling, and Designing, carried on at the Metropolitan School, Somerset House, where a Training Class was established with a systematic course of instruction for Masters of Schools of Art.

Local effort promoted by conditional aid from Department.

The Minute also provided for the establishment of Schools of Art—as distinct from the branch schools of design—which were to be maintained by local effort with conditional aid from the Department. This aid was granted wherever a Local Committee was willing to establish Day and Evening Classes for artizans, to appoint a Certificated Master, to assign to him part of the fees of the School, and to engage him to teach Drawing in at least three Elementary Day Schools. The aid from the Department consisted of payments of 10*l.* on each certificate held by the master, of grants towards the cost of examples, and of medals and prizes awarded on a selection of the works sent to London for examination.

Description of such aid.

Removal of Central Training School to Marlborough House.

In August 1853 the Training Class was moved from Somerset House to Marlborough House, where temporary school rooms were erected. In 1854 inducements were offered to teachers of Elementary Schools to qualify in Drawing by the offer of payments on the results of their instruction of the pupil-teachers in their Schools; and the pupil-teacher system

was extended to Schools of Art, a payment of 15*l.* a year being allowed for each pupil-teacher. In 1855 the Department offered prizes to children in Elementary Schools taught drawing by Masters of Schools of Art. In 1856 these schools were examined collectively at Schools of Art by the Inspectors of the Department, and in 1857 a payment of 3*s.* for every child who obtained a prize was given to the Art Master who had taught him. In the same year an augmentation grant of 5*l.* was made to the salaries of teachers of Elementary Schools who had passed examinations in Drawing, and taught the subject satisfactorily in their schools.

Prizes in Elementary Schools.

Payments.

Certificate allowance.

In 1857 the offices of the Department and the Art Training School were removed from Marlborough House to South Kensington. The number of students instructed in Local Schools of Art was then 12,509, and in the National Art Training School at South Kensington 396, besides which there were 43,212 scholars of Elementary Schools taught drawing by the teachers of those Schools; while the number of students in the Schools of Design before the establishment of the Department of Science and Art was 6,997. In this year also a regular inspection of Art Schools was organised, so that once in the year each school was visited by an Inspector who awarded Local Medals and selected the best of the students' works to be sent to London for the National Competition in which 100 National Medallions and Prizes were awarded.

Removal of Art Training School to South Kensington.

Inspection of Art Schools organised.

National Competition.

This system was changed in 1864, and Schools of Art and Art Classes now send their works annually, in April, to South Kensington, where they are examined by Committees of Examiners who award the marks on which payments are made and Medals and Prizes given.

Change of System.

In 1856 an examination in drawing, by the Department of Science and Art, of the Training Colleges for Teachers under the Education Department was introduced. This examination was at first conducted by H.M. Inspectors of Schools, and afterwards by Officers of the Department of Science and Art. In the same year the system of "Building Grants" for Schools of Art was commenced. In 1863 certificate allowances were abolished, and the system of pure payment on results was extended to the Schools of Design, and to the Schools of Art; the Masters of Schools of Design, who had held direct appointments from the Board of Trade with salaries, being pensioned. At the same time Local Scholarships and National Scholarships were established, the latter, 15 in number, to enable advanced students who were, or intended to become, designers or manufacturers' draughtsmen, to prosecute their studies in the Art Training School and Museum at South Kensington.

Art Examinations in Training Colleges.

Building Grants.

Substitution of payments on results for certificate allowances.

Establishment of Local and National Scholarships.

Commons Committee on working of Art schools, 1864.

This change led to the appointment in 1864 of a Select Committee of the House of Commons to inquire into the constitution, working, and success of Schools of Art; and its recommendations were adopted as far as they were found practicable.

Establishment of Art Night Classes.

In 1865 provision was made for the establishment of Night Classes for instruction in drawing as distinguished from Schools of Art. In 1876 it was decided to remove the limitation by which aid to "Night Classes," was restricted to classes held after 6 p.m., and to extend the same aid to Art classes held in any school or other institution complying with the rules of the Department.

Direction in which aid is now given towards Art instruction.

The rules under which aid is given towards the promotion of Art instruction are contained in the Science and Art Directory. Aid is given to—

Schools of Art and Art Classes.

Elementary Schools and Evening Continuation Schools.

Training Colleges.

Subjects of instruction for Schools of Art and Art Classes.

The subjects towards which aid is granted in Schools of Art and Art Classes are:—

Subject 1. Linear drawing by aid of instruments, including Linear Geometry, Mechanical and Machine Drawing, Perspective, Details of Architecture, and Sciography.

Subject 2. Freehand Outline Drawing of rigid forms from flat examples or copies.

Subject 3. Freehand Outline Drawing from the "round."

Subject 4. Shading from flat examples or copies.

Subject 5. Shading from the "round" or solid forms and drapery.

Subject 6. Drawing the human figure, and animal forms from copies.

Subject 7. Drawing flowers, foliage, and objects of natural history, from copies.

Subject 8. Drawing the human figure, or animal forms, from the "round" or nature.

Subject 9. Anatomical Studies, drawn or modelled.

Subject 10. Drawing flowers, foliage, landscape details, and objects of natural history, from nature.

Subject 11. Painting ornament from flat examples.

Subject 12. Painting ornament from the cast, &c.

Subject 13. Painting (general) from flat examples or copies, flowers, still-life, and landscapes.

Subject 14. Painting (general) direct from nature, flowers, or still-life, landscapes, and drapery.

Subject 15. Painting from nature groups of still-life, flowers, &c. as compositions of colour.

Subject 16. Painting the human figure or animals in monochrome from casts.
Subject 17. Painting the human figure or animals in colour.
Subject 18. Modelling ornament.
Subject 19. Modelling the human figure or animals and drapery.
Subject 20. Modelling fruits, flowers, foliage, &c. from nature.
Subject 21. Time sketches in clay, of the human figure, or animals, from nature.
Subject 22. Elementary Design, including studies treating natural objects ornamentally, ornamental arrangements to fill given spaces, in monochrome, or modelled, ornamental arrangements to fill given spaces in colour, and studies of historic styles of ornament drawn or modelled.
Subject 23. Applied Designs, technical or miscellaneous studies, including machine and mechanical drawing, plan drawing, &c., done from measurement of machines, buildings, &c., architectural design, ornamental design, as applied to decorative or industrial art, and figure composition, and ornamental design with figures, as applied to decorative or industrial art, both flat and in relief.

For the purposes of Examination some of these subjects are subdivided into Elementary and Advanced Stages and Honours. Syllabuses of such subjects are separately published.

Aid to Schools of Art and Art Classes.

The aid is in the form of—

1. Examinations, in which prizes are awarded, held at all places complying with certain conditions; and medals and prizes are awarded on works executed during the year.
2. Payments on the results of examination, and on the works executed in the school or class during the year.
3. Scholarships, Exhibitions, and Free Studentships.
4. Supplementary grants in respect of Teachers, Art Pupil Teachers, Modellers and other Students.
5. Building grants and in Ireland grants towards the purchase of Examples, apparatus, &c.
6. Special Grants and Loans of Works of Art, Books, &c.

Payments on results.

Payments are made on the results of the Examinations of Students of the industrial classes—all those whose incomes do not exceed 500*l.* a year being included in this category—or of their children. There are two kinds of Examination—(*a*) personal Examinations, held about May; and (*b*) the Examination of works executed by Registered Students in Schools and Classes, which works are sent to the Department of Science and Art for that purpose, in April.

The payments to Schools of Art and Art Classes are as follows:—

1*l.* for a first class, and 10*s.* for a second class in the Elementary Stage, 10*s.* for a pass in Geometrical Drawing (Art), 3*l.*, 2*l.*, and 1*l.* for an excellent, first class, or second class respectively in the Advanced Stage, and 6*l.* and 3*l.* for a first or second class

respectively in Honours. In those subjects not divided into stages the payments are as for the Advanced Stage. Before payments on results can be claimed, at least 28 lessons must have been given to the class, and each student on whose account payment is claimed must have received 20 lessons at least.

The payments for the works executed by each student are 3*l.* or a sum not exceeding 3*l.*

Payments for free students, &c.

Art Pupil-teachers.

Royal Exhibitioners or National Scholars.

Other payments which are made to Schools of Art only are:— 3*l.* on account of a Free Studentship for an artisan student, or for a Local Scholarship. 15*l.* for an Art Pupil-teacher in a School of Art in which 20 Industrial Students are satisfactorily taught; and 15*l.* for a second Art Pupil-teacher in a school in which 50 or more such students are so taught. 5*l.* for every student who obtains a Royal Exhibition or a National Scholarship or admission to the National Art Training School as a student in training.

Prizes.

A small number of Queen's Prizes for exercises of exceptional merit in the personal examinations, together with medals and books for the better of those works which have been selected to enter into the National Competition are awarded to registered students.

Certificates.

Cards or certificates of success are given to candidates who pass the examinations.

Free Studentships.

Free Studentships in local schools and in the National Art Training School are awarded to students engaged in trades who have attained a certain degree of efficiency.

Local Scholarships.

Sixty Local Scholarships of 20*l.* apiece (20 open each year) to local Schools of Art, and

Royal Exhibitions.

Thirty Royal Exhibitions of 25*s.* a week for 42 weeks each year (10 open each year) to the National Art Training School, London, and Metropolitan School of Art, Dublin, are awarded to Candidates in competition which is determined on the results of the Art Examinations held in May.

National scholarships.

Sixteen National Scholarships in the National Art Training School and South Kensington Museum, with allowances of 25*s.* a week for about 42 weeks each year, are granted to a limited number of duly qualified students from Schools of Art.

Studentships in Training.

Studentships in Training in the National Art Training School, with allowances of 12*s.* 6*d.* to 43*s.* 6*d.* a week for about 42 weeks each year, are also granted to Students of Schools of Art who propose to become teachers.

Science and Art Scholarships and Local Exhibitions.

Science and Art Scholarships and Local Exhibitions.—These have been already described at pp. xviii and xix.

Certificates.

Certificates for Art Teachers are granted to candidates who pass certain examinations. They are termed (i.) The Elementary Drawing Certificate (First Class and Second Class); (ii.) The

Art Class Teacher's Certificate; and (iii.) The Art Master's Certificates, respectively.

Masters' and Students' visits to London, Foreign Towns, &c.

Grants are made to enable the masters and students of Schools of Art and of Art Classes to visit the South Kensington Museum and other metropolitan institutions, and to go abroad for study.

Grants for Examples and Apparatus, &c.

Aid was formerly given towards the purchase of examples and apparatus, and fittings; but while the Local Taxation (Customs and Excise) Act, 1890, continues in force these grants have been suspended, except in Ireland, where they may amount to 50 per cent. of the cost of certain articles approved for purchase; the grant for fittings, however, does not exceed 33⅓ per cent. of their cost.

Building grants.

Building grants not exceeding 2*s.* 6*d.* per superficial foot of internal area are made, up to a maximum of 500*l.* for any one school, in aid of a new building, or of the adaptation of an existing building for a School of Art. A table of Building Grants made to Art Schools is given at p. 457.

Special grants and loans of Works of Art, &c.

Special grants of works published under the sanction of the Department, and of other examples, as well as loans of works, books, and objects from the South Kensington Museum and Libraries, are made to Schools of Art and Art Classes under the management of local authorities having suitable premises.

Aid to Elementary schools.

Grants for instruction in Drawing are made to Public Elementary Schools under the inspection of the Education Department, and to other Schools which come within the definition of Elementary Schools in Section 3 of the Elementary Education Act of 1870. By the Minute of 26th May 1885 drawing in Public Elementary Schools was made a class subject under the Code, but in 1887, the vote for instruction in drawing was again taken in the Estimates of the Department of Science and Art, and is now administered by it.

Standards of examination.

The seven Standards of examination in drawing are:— I. Drawing on slates or on paper, at the option of the Managers, freehand, and with the ruler, of lines, angles, parallels, and the simplest right-lined forms. II. The same on paper only. III. (*a.*) Freehand drawing of regular forms and curved figures from the flat; (*b.*) Simple geometrical figures with rulers. IV. (*a.*) Freehand drawing from the flat; (*b.*) Simple scales and drawing to scale. V. (*a.*) Freehand drawing from the flat; (*b.*) Drawing from rectangular and circular models and from easy common objects; (*c.*) Geometrical figures with instruments and to scale. VI. (*a.*) Freehand drawing from the flat; (*b.*) Drawing from models of regular forms and from easy common objects; (*c.*) Geometrical drawing more advanced than in Standard V. (not required in girls' schools). VII. (*a.*) Freehand drawing from the flat; (*b.*) Drawing from models of regular forms and from easy common objects more advanced than in Standard VI., *or* (*c.*) Drawing any common objects and casts of ornament in light and shade; (*d.*) Geometrical drawing more advanced than in VI. (not required in girls' schools); *or* (*e.*) Plans and eleva-

tions of plane figures and rectangular solids in simple positions with sections (not required in girls' schools).

Drawing compulsory for boys.

Drawing is compulsory for all boys in Public Elementary Schools, except infant-schools, in England and Wales.

Grants.

A grant of 1*s.*, 1*s.* 6*d.*, or 2*s.* per scholar in average attendance is paid on the results of the examination, if the award be "fair," "good," or "excellent" respectively; and cards of merit are given to scholars who pass with credit in Standards VI. and VII.

Evening Continuation schools.

A grant of 1*s.*, 1*s.* 6*d.*, or 2*s.*, according as the award to the School is "Fair," "Good," or "Excellent" respectively, is made to Evening Continuation Schools, in respect of each Scholar who has received at least 20 hours' instruction in drawing in the School-year at the Evening Continuation School.

Manual Instruction.

A grant at the rate of 2*d.* a lesson, with the addition of 20 per cent. if the instruction is Excellent, is also made in aid of manual instruction in the use of the ordinary tools employed in handicrafts in wood or iron in Elementary Schools if provided with proper workshops.

Training Colleges.

Grants in aid of Drawing in Training Colleges for Teachers, under the inspection of the Education Department, and of the Commissioners of National Education in Ireland, are made on the results of Art examinations which are held annually, about May. The subjects of Examination are—Freehand and Model Drawing (*Elementary Stage*); Drawing in Light and Shade from a cast (*Elementary Stage*); and Model Drawing with chalk upon the blackboard. The payments claimable by the authorities of Training Colleges on account of each student are 15*s.* and 7*s.* 6*d.* for a 1st Class or 2nd Class, respectively, in the above-mentioned subjects.

Payments.

Extent and amount of aid towards such instruction.

The following figures show the extent and amount of the aid to Art instruction under the foregoing heads.

In 1894 there were—

Schools of Art.

225 Schools of Art with 67 branch classes, and a total of 55,745 students — the fees paid by the latter amounting to 40,554*l.*, and the payments on results to 35,522*l.*

Art and Science classes.

1,488 Art classes, with 80,579 students. The payments on the results of Art examinations in Art Classes and Science Classes together amounted to 21,224*l.*

Elementary schools.

19,647 Elementary Schools at which 2,123,675 children and 16,842 pupil-teachers were taught drawing, the payments on the results of their examinations amounting to 157,925*l.*

576 Elementary Schools at which 30,096 scholars received manual instruction, the payments on the results of their examination amounting to 8,041*l.*

Evening Continuation Schools.

559 Evening Continuation Schools, at which 31,636 scholars were taught drawing, the payments on the results of their examinations amounting to 1,147*l*.

Training colleges.

59 Training Colleges, with 4,484 students in training were examined in drawing, the grants amounting to 2,658*l*.

Number of persons receiving instruction in Art.

The whole number of persons who received instruction in Art in some form through the agency of the Department was 2,317,551.

The following table shows the numbers receiving instruction in Art during the years 1884 and 1894 compared:—

—	Year.	No. of Schools.	Persons taught.	No. of Art examination papers worked.	Students' works sent up.	Fees paid.	Direct payments on results.
						£	£
Schools of Art (and Branches) - -	1884	202	37,033	—*	254,610	34,266	21,528
	1894	292	55,745	135,261‡	44,499	40,554	35,522
Art Classes - - -	1884	490	23,745	—*	189,092	7,526	7712†
	1894	1,488	80,579	—§	10,107	13,667	16.378
Science Classes sending up Art Works - -	1884	329	—*	—	91,138	—*	—†
	1894	866	—*	—	43,337	—*	4,846
Elementary Schools -	1884	4,506	778,830	594,500	—	—*	33,129
	1894	19,647	2,140,517	2,204,100	—	—*	157,925
Evening Continuation Schools.	1894	559	31,636	15,887	—	—	1,147
Training Colleges - -	1884	48	3,471	9,500	—	—*	1,850
	1894	59	4,484	8 ,744	—	—*	2.658
Students in Training and National Scholars at the National Art Training School -	1884	—	56	—*	—*	—	—
	1894	—	56	—*	—*	—	—
Persons attending Summer Courses of instruction at the National Art Training School - - -	1884	—	—	—	—	—	—
	1894	—	96	—	—	—	—
Schools unaided by grants - - - -	1884	170	6,909	—*	—	—*	—
	1894	52	4,438	1,950	—	—*	—
Summary - - -	1884	5,575	850,044	—	534,840	41,792	64,219
	1894	22,411	2,317,551	2,365,942	97,943	54,221	218,476

* No report.
† 7,712*l*. for Art Classes and Science Classes taken together.
‡ Including exercises worked at Art Classes.
§ Included in the number given above (*see* Schools of Art).

Princess of Wales' Scholarship.

The sum of 1,085*l*., being a portion of the amount received as admission fees to the South Kensington Museum during the exhibition in 1863 of the wedding presents of Their Royal Highnesses the Prince and Princess of Wales, was invested in Consols, and from the proceeds two scholarships, called the Princess of Wales' Scholarships, of the value of 25*l*. and 11*l*. respectively, are annually awarded to the two female students

who take the highest prizes (not honorary awards) in the National Competition.

Administration of the Art Division.

The principal Officer of the Art Division was originally, in 1853, called the "Art Superintendent." This title was in 1857 changed to that of "Referee for Art and Inspector General of Art Schools," and in 1865 to that of "Inspector General for Art." In 1873, as before stated, the head of the Art Division was given the title of Director, and in 1875, on the resignation of Mr. Redgrave, R.A., Mr. E. J. Poynter, R.A., was appointed Director for Art, and made at the same time Principal of the National Art Training School. The title of the Second Officer of the Division, Mr. H. A. Bowler, was also changed from that of "Official Inspector for Art" to that of "Assistant Director for Art." In 1882 Mr. Poynter resigned the posts of "Director for Art" and "Principal of the National Art Training School," and was made Visitor of the School (which appointment he has since ceased to hold), Mr. Sparkes, the then Head Master, being made Principal, and Mr. T. Armstrong was appointed Director for Art. In 1891, upon the retirement of Mr. H. A. Bowler, Mr. T. Chesman was appointed Assistant Director for Art.

Staff of the Science and Art Divisions.

Staff of Science and Art Divisions.

The staff of the two Divisions consists respectively of a Director, an Assistant Director, an Official Examiner, two Assistant Examiners, and an Examination Clerk.

Inspectors, &c. for Schools and Classes.

There are 17 Inspectors (of whom 4 are Senior Inspectors) and 49 Sub-Inspectors, besides Occasional Inspectors, Local Inspectors of Drawing in Elementary Schools, and Professional Examiners and Assistants appointed from year to year.

As the examinations of the students, on which the payments on results are made, are carried out principally by the Professional Examiners and Assistants, the duties of the Inspectors are primarily administrative, that is to say, to see that the schools are properly conducted according to the rules of the Department. The Inspectors are, however, required to report generally on the efficiency of the teaching, to hold local inquiries, to re-examine where there is any suspicion of unfairness in the conduct of the ordinary examination and to conduct to a large extent the examination of Organised Science Schools.

Occasional Inspectors.

Occasional Inspectors are employed from time to time, as the necessity arises, to supplement the technical inspection of schools in such special branches of Science or of Art as may be requisite.

Royal College of Science, London, incorporating the Normal School of Science and Royal School of Mines.

The Government School of Mines and of Science applied to the Arts, was opened in 1851 in connexion with the Museum of Practical Geology, in response to numerous memorials addressed to the Government by the mining districts of the United Kingdom. Origin.

At the close of that year memorials were also addressed to the Royal Commissioners of the Exhibition of 1851 by the chief manufacturing towns of the county, pointing out the importance of establishing provincial schools of science in connexion with a central metropolitan school.

The scheme proposed by the Board of Trade to which reference has already been made, giving effect to the announcement in the Queen's speech in 1852, provided for "the creation in the " Metropolis of a school of the highest class, capable of affording " the best instruction, and the most perfect training, which can " alone be hoped for from an institution which has the command " of the most eminent and distinguished talent; the advantages " of which will be experienced by minor institutions throughout " the kingdom, not only as furnishing a central source of in- " formation, but as a means of furnishing competent and well " qualified teachers for local institutions and of completing the " education of pupils who desire higher accomplishments than " can reasonably be expected of minor schools." Proposal of Board of Trade, 1852.

The name of the School of Mines was accordingly changed to that of the "Metropolitan Science School applied to Mining and the Arts," the prospectus of which is given in the First Report of the Department of Science and Art—that for 1854—p. 177. And the course of instruction was enlarged, so as to include several of the more important applications of science to the arts and useful purposes of life. Metropolitan School established.

The plan of instruction was as follows:—

"A. General Division, for those who desired a general knowledge of applied science.

"B. Mining and Metallurgical Division, for students who intended to pursue mining or metallurgy.

"C. Technical Division, for those who proposed to engage in other arts or manufactures, depending either chiefly on chemical or chiefly on mechanical principles.

"D. Working Men's Division, for the instruction of working men by evening lectures."

Sir Charles Trevelyan and Sir Stafford Northcote, reporting to the Treasury in May 1853, say, "It must be borne in mind " that a wider range than heretofore is to be given both to Treasury Commission, 1853.

" the College and to the Museum, embracing the whole field of " practical science so far as it admits of being taught in such " an institution." The college had already outgrown the accommodation available in Jermyn Street, and premises had been taken for the Chemical and Metallurgical Laboratories in Marylebone Street, when, in 1853, the Royal College of Chemistry in Oxford Street was offered to the Government. It had been established in 1845 by a number of noblemen and gentlemen, the Council being under the presidency of H.R.H. Prince Albert. In 1853 Dr. Playfair vacated the chair of Chemistry in the School of Mines, and it was offered to Dr. Hofmann, the Professor of the College of Chemistry. This institution being in monetary difficulties, the Council recommended Dr. Hofmann to accept the offer made to him, and entered into negotiations with the Board of Trade for the transfer of the institution itself. Sir Charles Trevelyan and Sir Stafford Northcote refer to the matter in the following terms:—

Royal College of Chemistry added.

" We find that the laboratory attached to the college has already proved insufficient to accommodate the students, and that additional premises have been temporarily engaged. It is now in the contemplation of the Directors of the College of Chemistry to bring their institution in connexion with the College of Science, and to afford the students the benefit of the very convenient laboratories which they possess. The professor to the College of Chemistry has recently been appointed to the College of Science, and it is said to be the object of this arrangement to retain his services for the benefit of those who have been in the habit of attending him at the College of Chemistry. We do not consider that a Government Department, of the nature of a Normal School, should extend itself indefinitely by adding to its accommodation, and drawing to itself those who would naturally seek instruction elsewhere; but we understand that an additional laboratory is urgently required, and that it will be impossible to give the necessary facilities for training masters for the provincial schools without it. We therefore see no reason for objecting to the proposed annexation of the College of Chemistry on favourable terms to the public."

Certain difficulties prevented the development of the Metropolitan School at that time. And instead of expanding into a school of general applied science, it became more contracted in its aims, though the staff of professors remained the same. In 1859 Sir Roderick Murchison, who had succeeded Sir Henry De la Beche in 1855 as Director, made an application that it should revert to its original title of "the Government School of Mines." This was sanctioned by the late Lord Salisbury, then Lord President. In making his application Sir R. Murchison states:—

Title of School of Mines.

" At the same time I particularly wish it to be understood that under this name I comprehend an Institution with as wide a scope as any of the foreign establishments of a similar class

—in fact, a college in which not merely mining in the narrowest sense of the word is taught, but all those branches of science which have a direct bearing upon the development of the mineral and agricultural resources of the country."

Report 1862, by Lord Granville, Mr. Lowe, and Sir C. Trevelyan.

In 1862 Lord Granville, Mr. Lowe, and Sir C. Trevelyan inquired into the Geological Survey, Geological Museum, School of Mines, and Mining Record Office.

In discussing the School of Mines their report states :—

"The annual average of 'matriculated' students during nine years has been only twelve, that of 'occasional' fifty-four. The number of 'matriculated' students must therefore not be viewed as the only test of the school. If they were, its maintenance by public funds could hardly be justified. A large proportion of both classes of the students have found employment in the Government, Home, and Colonial surveys, and in various chemical, metallurgical, mining, and other works in the British dominions."

Re-organization of school.

Certain principles were laid down for the re-organization of the school, and Sir R. Murchison and the professors were requested to prepare a new prospectus of the course of instruction in accordance with them. This was done, though one of the directions — that the school should be specialized as far as possible as a School of Mines, all such instruction as was of an elementary or general character, and not special to mining, being given at a different time—was not eventually insisted on. The course of study for "matriculated" students—henceforth termed students entering for the "associateship"—was extended from two to three years, being the same for all divisions in the first and second year, and in the third being specialised into (1) Mining, (2) Metallurgy, and (3) Geology, including Natural History and Palæontology. Nine Royal Exhibitions of the value of 50*l.* each, with free instruction, tenable for three years, were given to the school, in addition to the existing Royal Scholarships—two of 15*l.* per annum, and one of 25*l.* per annum.

Royal Exhibitions and Royal Scholarships.

Many of the Exhibitioners became teachers. The Royal Exhibitions, though not designed for that purpose, thus tended to make the Royal School of Mines and the Royal College of Science in Dublin, where there are similar exhibitions, to some extent training schools for Science teachers. The Local Exhibitions,* created in 1867, also acted in the same direction.

Local Exhibitions.

Lectures to Working Men

As respects the lectures to working men the Report states :—

"This general instruction should be regarded as incidental, and due to the fact that the Mining School exists. If there were no Mining school, it is doubtful if general instruction in Science should be undertaken by the Government. The Science

* To Local Exhibitions the locality and the Department each contribute 25*l.*, and they are tenable, at the option of the student, at the above-mentioned Government institutions, or at any other where an advanced course of scientific instruction is given.

examinations of the Committee of Council already prove that the public, with a slight stimulus, will provide it for themselves. Nor is it justifiable that the State should be at the cost of providing scientific lectures to the working men only in a particular district of the Metropolis, whilst a similar advantage is not afforded to other places. But as a staff of Professors has been formed for other purposes there can be no objection to their giving these lectures which are popular, which cost the State nothing, and may be viewed, not as an official duty, but an act of good-will on the part of the Professors. When the Mining School becomes much larger it may be a question if these lectures ought not to be given up."

Report of Royal Commission, 1871, recommends removal.

In 1871 the Royal Commission on Scientific Instruction and the Advancement of Science, of which the Duke of Devonshire was chairman, strongly recommended in their first report the removal of the whole school to South Kensington for various reasons stated by them, but more especially in order that laboratory and practical instruction might be given, which was impossible with the limited accommodation in Jermyn Street. A protest made by Sir R. Murchison and a few of the professors against this report was referred to the Royal Commission, but they adhered unanimously to their previous opinion (*see* Report of Royal Commission, Appendix III., p. 2, Vol. II.). In reply to the objection that if the School of Mines were merged in a general Science School it would lose its distinctive character and the confidence of the mining interest, the Commission point out that " for the last 18 years the average number of students of " the School of Mines who, having been examined in mining and " mineralogy, have subsequently been employed in the Geolo- " gical Survey and in the mineral and metal works of the " United Kingdom has, according to a table put in evidence, " been less than four per annum."

Resolution of Council of Professors asking for transfer to South Kensington.

The recommendation of the Royal Commission was, however, not acted upon until, in July 1872, a resolution in favour of the transfer of the instruction in Physics, Chemistry, and Natural History to South Kensington, on the ground that it was impossible to carry it on efficiently in Jermyn Street, was received from the Council of Professors of the Royal School of Mines.

Accommodation provided by removal of School of Naval Architecture. Surrender of College of Chemistry.

The necessary accommodation had been rendered available at South Kensington by the removal of the School of Naval Architecture and Marine Engineering to Greenwich. The instruction in Chemistry, Physics, Applied Mechanics, and Biology was therefore transferred to the new building at South Kensington; the College of Chemistry in Oxford Street was given up; and the rooms vacated in Jermyn Street were appropriated to the purposes of the Museum and Survey. The instruction in Physics and Biology, which had hitherto consisted of lectures only, was supplemented by laboratory practice, while drawing, model, and class, rooms were provided for the class in Mechanics. In

1877 in consequence of a further representation on the part of the Council of Professors as to the want of proper accommodation and appliances for teaching Geology in Jermyn Street, that course was also removed to South Kensington. The teaching collection, which was distinct from the Museum collection, was also transferred to the Science School, where provision was made for microscopic, and other practical, work which had not previously formed part of the course. Geology course removed to South Kensington.

The lease of No. 27, Jermyn Street—the basement of which was used as a Metallurgical Laboratory, and the upper floors by the staff of the Survey—lapsed in October 1879. The basement of the Science School at South Kensington was therefore fitted up as a Metallurgical Laboratory, and the whole of the Metallurgical department removed to it at the commencement of the session of 1880. Transfer of Metallurgical division.

The government of the School of Mines had from the first been vested in the Director and Council of Professors. Sir H. De la Beche and, afterwards, Sir R. Murchison, were directors of the Geological Survey and of the Geological Museum and School of Mines. But on the death of the latter the post of Director of the School of Mines was not filled up. Administration of School.

The staff of the Royal School of Mines consisted of Lecturers on:—(1) Mining and Mineralogy, (2) Chemistry, (3) General Natural History, (4) Physics, (5) Applied Mechanics, (6) Metallurgy, (7) Geology; and an Instructor in Assaying, a Teacher in Mechanical Drawing, an Assistant Chemist, and Registrar.

The removal of some of the courses to South Kensington greatly increased the number of students, notwithstanding the obvious inconvenience attendant on the school being divided, and the uncertainty as to its future. This increase was no doubt to a considerable extent due to the fact that the instruction had been rendered more thorough and efficient by the addition of laboratory and practical instruction in Physics, Mechanics, Biology, and Geology. But it was also largely owing to the fact that South Kensington is more convenient for students than Jermyn Street or Oxford Street. This was shown when the College of Chemistry was removed to South Kensington from Oxford Street; the number of applications for admission having doubled during the first session. Effect of transfer.

The manner in which a Training school for teachers, which had formed no part of the School of Mines proper, grew up in connexion with it can now be explained. A few teachers for Science schools had from the year 1853 been trained there at the Government expense, as well as at the College of Chemistry, and at the Diocesan Training College at Chester; and in 1859, when the general Science Minute was promulgated, the establishment of a systematic training of teachers in the School of Mines was contemplated. But it soon became evident that Science instruction Training school in connexion with School of Mines. Intention in 1859.

could not at that time be advantageously aided in this manner. The demand for trained Science teachers did not exist and had to be created. There were but few places in which a man could earn his living by Science teaching alone. It was necessary to induce men connected with the locality, who had other occupations and means of subsistence, to undertake Science teaching in their leisure time. The stimulus afforded by payments on results, and the other aid offered by the Department, was so effectual that, while in 1860 there were only nine Science schools and 500 students under instruction, at the commencement of 1880 there were about 1,455 schools with nearly 4,751 classes in different subjects, and 57,000 students under instruction: and employment could readily be obtained by well instructed teachers in the various schools in the country.

Reason why abandoned.

When revived.

When, therefore, some of the courses of instruction were transferred to South Kensington, a few teachers and promising students, who undertook to become teachers, were, in 1873, brought up to London to be trained, receiving their travelling expenses and a maintenance allowance of 25*s*. a week.

Development of system of training.

A system of short summer courses for teachers had already been commenced in 1868 by granting allowances to a limited number of them to enable them to visit the South Kensington Museum and other metropolitan institutions. In the following year short courses of lectures on the methods of teaching science were given. In 1870, as many teachers as could be accommodated received a week's practical instruction in the laboratory of the Royal College of Chemistry in Oxford Street. The experiment having proved very successful, was extended to other subjects, and as there were no means of giving practical instruction in the School of Mines in Jermyn Street, laboratories were extemporised in 1871 in the rooms used by the Royal School of Naval Architecture and Marine Engineering at South Kensington, which were unoccupied in the summer, the students being away in the Dockyards. In 1872 the instruction was given in the new Science School at South Kensington, which was fitted up for the purpose.

Summer courses for Teachers.

Reasons for short duration.

The length of these summer courses was determined by the time which experience has shown that country teachers can spare from their holidays—about three weeks. Four, five, or six courses in different branches of science were given every summer. The opportunities of improving themselves were highly valued by the teachers, from 180 to 200 of whom were selected annually from some 500 or 600 applicants, and received their travelling expenses to and from London, and a maintenance allowance. The summer courses were, however, entirely unconnected with the curriculum of the School of Mines, and many of them were given by gentlemen who were not on its staff.

Effect of the training classes.

Thus, though the scheme for a Metropolitan School of Science proposed by the Board of Trade and approved by the Treasury in 1853, had apparently remained a dead letter for many years

—the school continuing only a School of Mines, in name at least—yet as will have been seen that scheme had in fact to a considerable extent practically come into operation, and a training school had, through the force of circumstances, come into existence in connexion with the School of Mines. But the school was not organised as a training school, and teachers could only be instructed in certain branches of science. There was no instruction in Mathematics; the want of which in the School of Mines had been repeatedly brought to the notice of the Department and strongly commented on in the report of the Royal Commission on Scientific Instruction. The arrangements made in the early days of the School of Mines, for providing Assistants and Demonstrators and for the appropriation of the laboratory fees, were very unsatisfactory. Difficulties were also entailed by the instruction being given partly in Jermyn Street and partly at South Kensington; by the system of administration; and by the mode of payment—principally by fees—of the professors and teachers. A complete scheme for its reorganisation was, therefore, submitted to the Treasury in 1881. This with some slight modifications was approved, the correspondence on the subject being presented to both Houses of Parliament and published in 1882 (C.—3085).

Necessity for re-organisation.

Scheme of re-organisation, 1881.

The re-organised school opened in October 1881, under the title of the "Normal School of Science and Royal School of Mines." On the 25th October 1890 Her Majesty was pleased to direct that this title should be changed to that of "Royal College of Science, London." The Royal College is an institution to supply systematic instruction in the various branches of Physical Science to students of all classes. While it is primarily intended for the instruction of teachers, and of students of the industrial classes selected by competition in the examinations of the Science and Art Department, other students are admitted so far as there may be accommodation for them, on the payment of fees fixed at a scale sufficiently high to prevent undue competition with institutions which do not receive State aid.

Opening of Normal School of Science, 1881.

Change of title, 1890.

The Royal School of Mines is affiliated to the Royal College, and students entering for the Associateship of the School of Mines obtain their general scientific training in the Royal College.

Connexion of Royal School of Mines.

The Royal College of Science is governed by a Council, consisting of the Professors, with the Dean as Chairman, and a Registrar in charge of the administration. Professor J. W. Judd was appointed Dean on the decease of the Right Hon. T. H. Huxley in 1895.

Administration.

The subjects taught in the school are—Mechanics and Mathematics, Physics, Chemistry, Biology, including Zoology and Botany, Geology and Mineralogy, Agriculture, Metallurgy and Assaying, Mining, Elements of Astronomical Physics, Practical Geometry, Mechanical and Freehand Drawing. The course of instruction is arranged in such a manner as to give the students a thorough training in the general principles of Science, followed

Subjects of instruction.

by advanced instruction in one or more special branches of Science.

Associateship of Royal College of Science or Royal School of Mines.

The Associateship is granted in certain divisions or lines of study. Students who go through any one of these in the prescribed order and pass the necessary examinations receive a Certificate of Associateship of the Royal College, or of the Royal School of Mines.

But students who are not candidates for the Associateship are permitted to take up the course of instruction in one or more special branches of Science, and on passing the examination they receive a certificate to that effect.

The Associateship of the Royal College of Science is given in one or more of the following divisions:—I. Mechanics; II. Physics; III. Chemistry; IV. Biology; V. Geology; VI. Agriculture; and the Associateship of the Royal School of Mines in—VII. Metallurgy; and VIII. Mining.

Courses of instruction.

The course of instruction, which lasts for three years, is the same for all the divisions during the first year, after which it is specialised according to the division in which the student elects to go out; and the work of the school is arranged so that the student devotes his attention as far as possible to one subject at a time.

Royal Exhibitions, National Scholarships, and Free Studentships.

The Royal Exhibitions, National Scholarships, and Free Studentships to the Royal College of Science, which are competed for at the May examinations of the Science and Art Department, have already been described. *See* pp. xix and xx.

Royal Scholarships.

Four Royal Scholarships, of 15*l.* each, are given to the students who have gained the greatest aggregate of marks in the examinations of the first year; and two Scholarships of 25*l.* to those pupils who have gained the greatest aggregate of marks in the examinations of the first two years.

Medals and Prizes.

There are also a number of medals and prizes founded by private individuals which are awarded at the various examinations of the College. They are described in the Prospectus.

Science Teachers in Training.

About 60 Teachers, and Students in Science Classes who intend to become Science Teachers, are admitted free to the Sessional Courses of instruction at the College. They receive 3rd class railway fare to and from London, and a maintenance allowance of 21*s.* per week while attending the College.

Summer Courses.

Short courses of instruction are given annually, about July, in different branches of Science for the benefit of Teachers of Science Schools in the country. The courses last three weeks. About 250 teachers are admitted to them and they receive 3rd class railway fare to and from London, and a bonus towards their expenses of living of 3*l.* each.

Evening lectures to working men.

Three courses of evening lectures for working men are given during the session by the Professors and Lecturers. The charge for admission to each course of six lectures is 6*d.*

National Art Training School.

This School is a development of the former School of Design and Central School of Art at Somerset House, which in 1853 was removed to Marlborough House, and opened under the designation of the "National Training School of Art." In 1856 it was transferred to South Kensington, a transfer which was followed by an increase in the number of students from 292 to 407. The special object of the school is the training of Art teachers of both sexes, of designers, and of Art workmen, to whom facilities and assistance are afforded in the shape of Studentships in Training, Royal Exhibitions, and National Scholarships with maintenance allowances (*see* p. xxv). Free Studentships (*see* p. xxv) with complete or partial remission of fees are also granted. A school for the instruction of general students is attached to, and serves as a Practising School for, the Training Class.

Special object National Art Training School.

Practising section of such school.

In 1863 the present system of National scholarships (*see* p. xxv) was established. The Training Class for the same year numbered 54 students, 41 of whom were in receipt of maintenance allowances, and 13 were free students; and the school was removed from the wooden sheds, in which it was first placed, to permanent buildings specially erected for its reception. The increased accommodation thus afforded was followed, in 1864, by a very marked increase in the number of fee-paying students. For the year ending July 1864 there were 382 such students for the first half year and 443 for the second half year, who paid a total of 1,824*l.* in fees.

Scholarships established.

In 1871, with a view to enable the school efficiently to fulfil its primary object of training masters for Art Schools, as well as designers and Art workmen, it was found necessary to impose an entrance examination on all candidates for admission as fee-paying students, and to make certain alterations in the regulations of the schools introducing payments on results.

Examination test for admission imposed.

Three Travelling Scholarships of 50*l.* are awarded to advanced students of the school.

Travelling Scholarships.

A limited number of Teachers and students of local schools are admitted to follow short courses of instruction during the vacation of the school. Free Studentships are granted to certain qualified Students, and free admission for short periods is also exceptionally granted to specially qualified persons and to Teachers of Schools of Art recommended by their Committees.

Vacation course for teachers; Free Studentships, &c.

The subjects of instruction in Art are shown on page xxiii; but they are not arranged in a progressive order of instruction.

Subjects of instruction in Art.

The staff of the National Art Training School consists of a Principal (Mr. Sparkes), three Assistant Masters, Instructors in Modelling and Design, one Assistant Mistress, four Male Assistants, a Teacher of Etching and Assistant, Lecturers on Decorative Art, Anatomy, and Surface Design, a Registrar, a Matron, and a Clerk Attendant.

Staff of the Training School

THE SOUTH KENSINGTON MUSEUM AND BETHNAL GREEN (BRANCH) MUSEUM.

Staff.

The Staff of the South Kensington Museum, including the Art and Science Collections, the Circulation of Art objects, &c., the Bethnal Green Branch Museum, the India Museum, and the Art, the Science and Education, and the Dyce and Forster Libraries, consists of 2 Directors, viz.:—Director (Science Museum), Major-General E. R. Festing, F.R.S. (late R.E.), Director (Art Museum), J. H. Middleton, Litt.D., D.C.L., V.P.S.A.; Assistant Director, C. Purdon Clarke, C.I.E., F.S.A.—4 Keepers (first grade), 3 Keepers (second grade), 8 Assistant Keepers, 9 Junior Assistant Keepers, and 8 Technical and Special Assistants.

(*a.*) *Art Collections.*

Models, Casts, and Prints, &c. collected for the Schools of Design.

1. From the year 1837 Models, Casts, Prints, and other examples, had been purchased for the purpose of instruction in Design and Ornamental Art in the Schools of Design (*see* p. viii), thus 1,299*l.* were spent in 1844–45 in the purchase of miscellaneous objects in Paris. These objects, which included Casts of Ornamental Art of all periods, copies of Raphael's decorations of the Loggie of the Vatican, specimens of Manufactures, &c., were stored in Somerset House. In 1851 the Board of Trade appointed a Committee to select objects for purchase notable "entirely for the excellence of their Art or workman-" ship" to the amount of 5,000*l.* from the Great Exhibition of that year. These objects, with others transferred from Somerset House, and loans from Her Majesty the Queen and other contributors, were exhibited at Marlborough House, in May and June, 1852, and opened to the public as a Museum of Ornamental Art, on the 6th September of that year.

Art works purchased from Exhibition of 1851.

Both collections amalgamated and arranged as a Museum of Ornamental Art.

Provision for adding to the Museum.

It was then decided to take an annual vote for the formation of a systematic Collection representing the application of Fine Art to Industry of all periods—the first apparently of its kind in Europe.* The First Report of the Department of Practical Art states that "a collection of specimens which should illustrate both " the progress and the highest excellence attained in manufacture " both as to material, workmanship, and decoration, had long " been a most desirable object, and considered indispensable to " instruction. Indeed a Museum presents probably the only " effectual means of educating the adult, who cannot be expected " to go to school like a youth, and the necessity for teaching the " grown man is quite as great as that of training the child. By " proper arrangements a Museum may be made in the highest " degree instructional."

Value of a Museum for purposes of instruction.

* A petition in July 1852 addressed to the Prince Louis Napoleon Buonaparte, President of the French Republic, prayed for the Establishment in France of a Museum of the Fine Arts as applied to Industry, and stated that "quite recently a " Museum of Ornamental Art had been solemnly inaugurated in London by Her " Majesty Queen Victoria." [*See* p. 363, 1st Report of Department of Practical Art.]

In 1852, when the purchase of additional objects for the Museum was under consideration, a Minute was passed approving of a proposal by Mr. Cole that local Schools of Art should have the privilege of purchasing objects, which might be dispensed with from the central museum, at half the prime cost. Specimens had heretofore been presented to the schools. In future, gifts were to be few, and exceptional. Concurrently with the formation of a central collection the establishment of local Museums was to be encouraged. Aid to Local Schools of Art.

With the object of making the central Museum of Art useful to the Provinces as well as to the Metropolis, selections of objects from the Collections, as well as Photographs and Drawings of others which were not easily removable, were lent for study and exhibition to provincial Schools of Art. (Second Report of the Department of Science and Art, p. 36.) This was the development of the system of circulation of objects throughout the country which was inaugurated by the Council of the School of Design in 1844. Circulating Objects to the Provinces.

Towards the end of 1852 the Bandinel Collection of pottery and porcelain was acquired. A Special Loan Exhibition of Furniture was held by the Department in 1853, at Gore House, Kensington, as well as a collection of Studies from the Life by W. Mulready, R.A. Purchases to the extent of 8,583*l.* were made in 1855 from the collection of Mr. Bernal, principally of specimens of Pottery and Porcelain, Majolica, Glass, and Metalwork, and in the same year the Chancellor of the Exchequer (Mr. Gladstone) purchased the Gherardini collection of models for sculpture, which was placed in the Art Museum. This collection, inasmuch as it illustrated a branch of Art not directly connected with manufactures, assisted in extending the limits of the Museum. It no longer comprised solely the industrial applications of Art but Art Collections of an ornamental character in general. In 1855 purchases were made of objects from the Paris Universal Exhibition, and in the following year negotiations were commenced for acquiring a large collection of Mediæval and Renaissance Ornamental Art from M. Soulages of Toulouse. Early additions to the Art Collections.

At first Catalogues of the Collections were printed with the annual Reports of the Department and issued separately for public use; but as the collections increased, an inventory of the Objects in the Museum was prepared. Every object was labelled, the printed inventory entries being used for the labels. Descriptive Catalogues with accounts of various classes of works of Ornamental Art have also been prepared from time to time by recognised authorities, and, published in separate volumes, to serve as standard works upon such subjects. Catalogues. Inventory. Labelling of Objects in Art Collections.

In 1856, Parliament voted 10,000*l.* for the transfer of the Department of Science and Art from Marlborough House to South Kensington, and in February 1857 the Museum was closed for the removal of the collection thither. The circumstances which led to the selection of the site at South Kensington are briefly as follows:—Upon the close of the Exhibition of 1851 there Transfer to South Kensington.

Purchase of land by Her Majesty's Commissioners for the Exhibition of 1851.

was a surplus of over 150,000*l*. His Royal Highness the late Prince Consort who was President of the Royal Commission for the Exhibition, proposed that the sum should be expended in the purchase of land to be devoted to institutions for promoting Science and Art. An estate of about eighty-eight acres which extended from Kensington Gore to Brompton was in the market. Parliament co-operated with Her Majesty's Commissioners in its purchase, and voted altogether about 181,000*l*. for this purpose. By gifts and purchases from the Exhibition of 1851, by gifts from the Society of Arts, &c., the Commissioners had become possessed of various collections in Science and Art. They applied in 1855 to the Government for assistance in constructing a building to contain these collections, and Parliament voted 15,000*l*. An iron building was erected under the supervision of the late Sir William Cubitt upon the South-eastern portion of the estate, which Her Majesty's Commissioners gave up to the Department. They contributed 2,000*l*. for the building of Refreshment Rooms adjoining the iron building, and expended 3,000*l*. upon internal fittings. In 1858 they repaid 121,000*l*. of the money previously voted by Parliament, and the Government became possessed (under the Act 21 & 22 Vict. c. 36) of 12 acres, valued at 60,000*l*., of the South-eastern portion of the estate. The buildings which had been erected, together with the old houses upon this portion of the estate, were used by the Department of Science and Art for the Museums of Education, Animal Products, and Ornamental Art, the National Art Training School, and the Offices of the Department. A portion of the Building was also assigned for the exhibition of Patented Inventions under the Commissioners of Patents.

Erection of iron building.

Appropriation of the various buildings.

Opening of South Kensington Museum by the Queen.

The Museum was opened on 22nd June 1857 by Her Majesty the Queen, accompanied by the Prince Consort.

Parliamentary votes for new buildings.

Since 1857 votes have been taken in Parliament from time to time for building portions of the Museum in accordance with the approved plan. The latest addition, consisting of the Art Library and two adjacent courts, was opened in 1884. Much still remains to be carried out, including a façade ; meanwhile, various divisions of the Museum Collections are temporarily exhibited in the galleries between Exhibition Road and Queen's Gate. The total expenditure on new Museum buildings, including the Royal College of Science and the National Art Training School, up to 31st March 1893, has been about 403,000*l*.

Design for completion of South Kensington Museum.

After a limited competition of Architects in the summer of 1891, a design, that of Mr. Aston Webb, for the completion of the South Kensington Museum Buildings was selected by the Government, and it is understood that the work will shortly be commenced.

Gallery of British Art commenced.

The Board of Trade, by Minute dated 6th February 1857, accepted, under a deed of gift, Mr. Sheepshanks's valuable collection of Pictures and Drawings in order to found a Gallery of British Art, and the Treasury sanctioned the necessary expenditure for the erection of a gallery for them. About the same time in compliance with a suggestion of the Institute of Sculp-

tors, space was allotted in the Museum for the Exhibition of a Collection of British Sculpture. Thus a new division of the Art Collections was commenced, viz., British Paintings in Oil and Water-Colours, Drawings, &c., and British Sculpture. Gallery of British Sculpture commenced.

An Architectural Museum had been founded in Cannon Row, Westminster, in 1851, by a private society as the nucleus of a "National Museum of Architecture." About 7,000 specimens, principally casts illustrative of Gothic Art, had been collected. These were transferred to South Kensington and exhibited till 1867 with the casts of Classic and Renaissance Art, which belonged to the Department. Contributions were also received from the Commissioners of Works and from private individuals. A Museum of Architecture commenced.

In 1860 a Select Committee of the House of Commons was appointed to inquire into and report on the South Kensington Museum. They refer to the Fine Arts Committee of the House of Commons in 1841, which stated that "independently "of the beneficial and elevating influence of the Fine Arts upon "the people, every pecuniary outlay either for the purpose of "forming or extending collections of Art in this country has "been directly instrumental in creating new objects of industry "and of enjoyment, and therefore in adding, at the same time, "to the wealth of the country." Evidence was brought before the Committee which proved by numerous examples the soundness of the views enunciated in 1841, "and showed how by a "judicious cultivation of the taste of purchasers and manufac- "turers, and by their action on each other, new branches of "ornamental manufacture had been created within the last few "years." The Committee "arrived at the opinion that the South "Kensington Museum in respect of its action as well throughout "the United Kingdom, as in the Metropolis, is exercising a "beneficial influence, and that it is fully deserving of continued "Parliamentary support." Select Committee upon the South Kensington Museum and their Report on the Art Collections.

The scope of the Museum was enlarged from time to time by gifts and purchases; thus the cast of Michael Angelo's David, presented by the Grand Duke of Tuscany, with specimens of decorative and other sculpture in marble, stone, and terra cotta, and the Gherardini collection already mentioned, laid the foundation for the present collection of decorative carving, modelling, and sculpture. Donations and further development of the Art Museum. Section of Decorative and other Sculpture.

In 1863 it became necessary to lay down general principles for the future development of the Museum, and the Lords of the Committee of Council on Education directed that as some sections, the Mediæval Art of Italy for instance, were well represented, "future purchases should be "confined to objects wherein Fine Art is applied to some purpose "of utility, and that works of Fine Art not so applied should "only be admitted as exceptions and so far as they may tend "directly to improve Art applied to objects of utility. The "Decorative Art of all countries should be completely represented. "Second rate works should only be acquired as substitutes until "better works can be obtained. Where the taste of the age or "country has been low, few specimens only will be necessary. "Original works are to be obtained as far as possible, but where Principles laid down for future development of Art Collections.

" this would seem to be impracticable, the system hitherto " pursued of representing the finest known examples by electro- " types, casts, and drawings, will be followed, it being always " kept in mind that the aim of the Museum is to make the " historical and geographical series of all decorative Art com- " plete, and fully to illustrate human taste and ingenuity."

System of making and obtaining Reproductions of Works of Art.

The expediency of obtaining Reproductions by Casts, Photographs, and Electrotypes of valuable works of Art had been early recognised, and in 1864 a Minute was passed with the view of establishing relations between the Department and Continental Museums. A list of such works of Art was prepared and the publication of an International Art inventory was commenced, but was discontinued in 1879. Many of the finest objects of Art are preserved in Continental Churches and Palaces, and it is not probable that they will ever become purchasable; but " admirable substitutes of them may be easily obtained by various " modes of reproduction with perfect safety to the originals."

Convention with Princes of reigning families.

In 1867, therefore, His Royal Highness the Prince of Wales entered into a convention with several of the Princes of the reigning families of Europe for promoting the reproduction of works of Art for the benefit, by exchange, of the Museums of all countries. A number of important reproductions of monuments of various styles of Art were thus procured, such as the Trajan Column, the Fireplace from Bruges, and Adam Krafft's Sculpture from Nuremberg.

Gallery of Casts.

A proposal, by Mr. Walter Perry, for the creation of a collection of casts of Classic Sculpture illustrating the history of Greek Art having been pressed on the attention of the Government by deputations to the Prime Minister, and to the Lord President of the Council, and in Parliament, it was decided, in 1881, to form such a collection at the South Kensington Museum, though somewhat outside the scope and object of that institution.

Mr. Perry's proposal was referred to a Committee of advice consisting of—

Mr. E. J. Poynter, R.A., *Chairman;* Mr. J. E. Boehm, R.A.; Sir F. W. Burton; Sir C. T. Newton, K.C.B., D.C.L., LL.D.; Mr. Walter C. Perry.

Mr. Perry having been deputed to visit the principal Galleries and Museums of Germany and Italy in order to recommend sculpture appropriate for reproduction, the collection was completed, and opened in October 1884.

Special Loan Exhibitions.

Works of Art, on loan, for various periods for exhibition in the South Kensington Museum have from the first been accepted, and Special Loan Exhibitions of particular branches of Art have been organised from time to time. In 1862 there was a Special Loan Exhibition of all classes of works of Ornamental Art. In 1865 there was a Loan Exhibition of Miniatures; in 1870 of Fans; in 1872 of Jewellery and Ancient Musical Instruments; in 1873 of Decorative Art Needlework; in 1874 of Enamels on Metal; in 1881 of Spanish Art; and in 1882 of Scandinavian Art. During the years 1866, 1867, and

1868, a series of Exhibitions of National Portraits, suggested by the late Earl of Derby, was held by the Department in the Southern Galleries overlooking the Royal Horticultural Gardens.

In 1865, the Raphael Cartoons were transferred by the direction of Her Majesty the Queen from Hampton Court to the South Kensington Museum.

India Museum.

The India Museum was transferred to the Department of Science and Art in 1879 by the India Office, the authorities of which Department at the time of transfer stated that a sum of 3,000*l.* obtained by the exhibition of H.R.H. the Prince of Wales' Indian presents in 1877 was available for purchases of further Indian Art works. Mr. C. Purdon Clarke was accordingly deputed to proceed to India in 1880 for the purpose of expending that sum and an additional 2,000*l.* from the purchase vote of the Department of Science and Art on objects required to supply deficiencies in the Collection.

The following gentlemen have been constituted a Committee of advice and reference in connexion with this section of the South Kensington Museum:—

Sir G. C. M. Birdwood, K.C.I.E., C.S.I.
Mr. E. L. Brandreth.
Lieut.-General Keatinge, C.S.I., V.C.
Sir Alfred C. Lyall, K.C.B., K.C.I.E.
Lieut.-General Strachey, R.E., C.S.I., F.R.S.
Sir John Strachey, G.C.S.I., C.I.E.

Gifts and Bequests.

Besides the gift of Pictures by Mr. J. Sheepshanks in 1857, already referred to, the following among many valuable gifts and bequests to the Museum may be mentioned:—

In 1860 and in 1873, by Mrs. Elizabeth Ellison, 100 Water Colour Drawings, for the purpose of forming a National Collection of Water Colour Drawings.

In 1864, by Rev. R. Brooke, 396 Art objects, consisting of Textiles, Watches, Rings, &c., and 718 Volumes of Books.

In 1867, by Mrs. Wollaston, 270 Drawings of Mosaics.

In 1867 and 1868, by the late Sir C. Wentworth Dilke, Bart., M.P., 297 Volumes, 862 Pamphlets and 155 Prints, illustrating the Great Exhibition, 1851.

In 1868, by Mrs. Louisa Plumley, 43 Enamel Paintings by Essex, Bone, &c.

In 1868, by Professor Ella, 329 Volumes of Music, printed and in MS.; with some Busts and a portrait of Rossini: from the Library of the Musical Union Institute.

In 1868, by Rev. Chauncy Hare Townshend, 211 Art objects chiefly Jewels, 189 Oil Paintings, 174 Water Colour Paintings, 4,218 Swiss Coins, 831 Volumes, 390 Drawings, 1,815 Prints.

In 1869, by Rev. Alexander Dyce, 80 Pictures 63 Miniatures, 802 Drawings, 1,511 Prints, 74 Rings, 27 Art objects, 13,596 Books.

In 1870, by William Gibbs, Esq., Roman and Anglo-Saxon Ornaments and other Antiquities chiefly found in Kent.

In 1870, by John Meeson Parsons, Esq., a collection of 92 Oil and 47 Water Colour Paintings.

In 1871, by W. Smith, Esq., a gift of 86 early English Water Colour Drawings, and in 1876 a bequest of 136 Water Colour Drawings, and about 700 volumes of books and manuscripts.

In 1874, by A Barker, Esq., Venetian Furniture of a Boudoir.

In 1876, by John Forster, Esq., 48 Oil Paintings, 74 Frames of Water Colour Paintings and Drawings, Collections of Drawings, Sketches, and Engravings, Collection of Manuscripts and Autographs, Library of Printed and Illustrated Books.

In 1876, by Sir Matthew Digby and Lady Wyatt, 148 Fans.

In 1877, by the Shah of Persia, Persian Carpets and Textiles.

In 1878, by the French Minister of Commerce, specimens of Gobelins and Beauvais Tapestries.

In 1882, by W. Wells, Esq., of Nottingham, 160 Carvings in Jade, Crystal, Agate, &c.

In 1882, by John Jones, Esq., a large and valuable collection of French Furniture, Porcelain, and Enamels of the 18th century.

In 1884 a series of examples of English porcelain, earthenware, enamels, &c. (1,891 in all) collected by Charles Schreiber, Esq., M.P., and the Lady Charlotte E. Schreiber.

In 1884, by Mrs. George Cruikshank, a series of the Works of her late husband.

In 1886, by Joshua Dixon, Esq., a collection of 295 paintings, &c., and by Charles Seeley, Esq., 13 large drawings by Louis Haghe (*for Bethnal Green Museum*).

In 1888, by Miss Isabel Constable, a collection of paintings in oil and water-colour, pencil drawings, &c., by John Constable, R.A.

In 1890, English silver plate, chiefly of the 18th century, from the collection of the late Joseph Bond, Esq.

In 1890, by Mrs. H. Bolckow, Venetian, French, and Belgian lace, and modern jewellery.

In 1891, by Miss Prescott-Hewett, and Mrs. William Hallett, 50 water colour paintings, in accordance with the desire of their late father Sir Prescott Gardiner Hewett, Bart., F.R.S.

In 1892, by Prince Louis Lucien Buonaparte, a cabinet containing pure chemical elements.

Value of Art Collections.

It was estimated as long ago as 1885 that the various gifts and bequests to the Museum would, if sold at the time they were received, have realised upwards of 1,000,000*l*.

From 1856 to 1894–95 inclusive, the amount expended in the purchase of objects of Art (originals and reproductions), available both for the Central Museum and for circulation to the provinces, has been 466,948*l*. That for purchases for the National Art Library has been 82,004*l*. The value of the bequests and gifts thus far exceeds the sum expended out of the annual votes of the Department.

Committees of Referees.

In 1867 the Lords of the Committee of Council on Education abolished the office of "Art Referee" as a specific appointment, and selected from among the most competent authorities a

staff of Referees to advise them with regard to purchases both for the Science and Art collections of the South Kensington Museum. These gentlemen receive a consulting fee when they are asked to advise. In 1884 the list of referees for Science was revised, and arrangements made for their acting collectively in Committees. Shortly afterwards it was decided that a similar course should be adopted with regard to the Art referees and that the system of making purchases should be so organised as to meet the requirements, not only of the South Kensington Museum, but also of the Museums of Dublin and Edinburgh and of local museums to which aid is granted by the State.

The duties of the referees, who are to be invited to act from year to year, were broadly defined to be to advise their Lordships whether objects offered to the Museum are genuine; whether they are good of their kind or whether better are likely to be in the market, and whether the price is reasonable: and also to make suggestions as to objects at home and abroad which might be acquired by negotiation.

Art Referees.

The present Committee of Art referees consists of:—

The Lord Leighton, P.R.A.	Mr. A. Morrison.
Mr. G. F. Bodley, A.R.A.	Mr. J. H. Pollen.
Mr. C. Butler.	Mr. E. J. Poynter, R.A.
The Earl of Carlisle.	Mr. G. Salting, F.S.A.
Mr. J. P. Heseltine.	Mr. L. Alma Tadema, R.A.
Mr W. Morris.	

The permanent officers of the Department were to select from among the objects named by the Committee those which they recommended for purchase as coming within the means available, as suitable for the special aim of the Department of Science and Art, and as desirable to complete the several sections.

Visitors to the South Kensington Museum.

As soon as the South Kensington Museum was opened in 1857 arrangements were made for lighting it, and throwing it open to the public on three evenings a week. It is now open free from 10 a.m. to 10 p.m. on three days in the week—Mondays, Tuesdays, and Saturdays—and on the other three days (students' days) the public are admitted at a charge of 6*d.* (or by ticket, 10*s.* yearly, 6*s.* half-yearly, 1*s.* 6*d.* monthly, and 6*d.* weekly) from 10 a.m. to 4, 5, or 6 o'clock, according to the season of the year. The Indian Section, Science, and other collections on the west side of the Exhibition Road are open *free daily*, from 10 a.m. till 4, 5, or 6 p.m. Up to the end of 1894, 32,862,921 persons had visited the Museum.

National Art Library.

The collection of books of reference on Art, purchased for the use of the School of Design, became the nucleus of the present National Art Library. The collection of books on Art exceeds 70,000 in number. The library also comprises original drawings, prints, engravings of ornament, and photographs, together numbering more than 240,000. It is open to readers during the same hours as the Museum. Students of the Schools of Art have free admission, and the public are admitted on pre-

sentation of the Museum ticket. Books are issued on loan to Art Schools in connexion with the Department.

Dyce and Forster Collections.

In accordance with the wish of the testators the two collections of books, MSS., paintings, &c., bequeathed by the Reverend Alexander Dyce and John Forster, Esq., form a separate division known as the Dyce and Forster Library and Collections. The books and MSS. may be consulted in the reading room of the Art Library.

(b.) *Science Collections.*

A Museum of Science contemplated from the first.

A Museum of Science was contemplated as an integral part of the Science and Art Department from its creation. Sir Charles Trevelyan and Sir Stafford Northcote reporting to the Treasury in 1853 on the Department of Practical Science and Art then under the Board of Trade, referring to the Museum in Jermyn Street, say: "The Museum itself cannot properly be developed "in all its parts for want of space. The premises were con-"structed for the limited object of a Museum of Geology applied "to the Arts; and if the institution is to become a general College "of Science a Museum of much greater extent will be required. "A varied collection of this kind could not be accommodated in "the present building, and much care will therefore be necessary "in selecting only such specimens as are the most indispensable. "It may be hoped that when the plans of the Royal Commis-"sioners for the Exhibition of 1851 are carried into effect, full "provision will be made for the Museums both of Science and "Art."

Treasury Report of 1853.

Science Collections.

When the Department of Science and Art was removed from Marlborough House to South Kensington, the Science collections, were for the first time arranged together for public inspection. They comprised Foods, Animal Products, Models of Machinery, Examples of Structure and Building Materials, and of Educational apparatus—a collection which had been formed by the Society of Arts and presented to the Government. These collections are referred to by the House of Commons Committee on the Museum in 1860 as "well worth preserving." The Patent Museum was also placed in the building erected at South Kensington, but its management was retained by the Commissioners of Patents, and remained in their hands until the end of 1883, when, by the Patents, Designs, and Trade Marks, Act (46 & 47 Vict., c. 57.), the Museum was transferred to the Department of Science and Art.

Patent Museum.

Imperfect development of Collections.

Owing to a variety of circumstances these collections were not developed as much as the Art collections. Some of them were removed to the Bethnal Green Museum, and in consequence of the want of space in the South Kensington Museum, the remainder were removed to the Galleries to the west of Exhibition Road, part of which belongs to the Government and part to the Commissioners of the Exhibition of 1851.

Royal Commission on Scientific Instruction, 4th Report, 1874.

The Royal Commission on Scientific Instruction and the advancement of Science in their Fourth Report (1874) described

the various Science collections of the Department, viz., the Food collection;* the Animal Products collection;* the Structure and Building Materials collection; the Models of Machinery, Ships, and Naval Appliances; the collection illustrating Economic Entomology and Forestry; the collection illustrating Fish Culture; and the Educational collection; as well as the Museum of the Commissioners of Patents, with its "many most interesting "specimens, especially a series illustrating the History of the "Steam Engine from its earliest days." They pointed out the striking contrast afforded on the one hand by the British Museum Collections, dealing with Biology, Geology, and Mineralogy; the Jermyn Street Collections, dealing with Geology (Scientific and Economic), Mineralogy, Mining, and Metallurgy; and the Kew Collections, dealing with Botany; and, on the other hand, by the Collections in the Scientific Department of the South Kensington Museum (including the Patent Museum), where alone had any attempt been made to collect together in a Museum objects illustrating the Experimental Sciences. The Commission expressed their regret that there was no National Collection of the Instruments used in the Investigation of Mechanical, Chemical, or Physical Laws, although such Collections were of great importance to persons interested in the Experimental Sciences. This defect in our Collections was, they said, already keenly felt by Teachers of Science, and high authorities had assured them that, on the Continent, Collections of Scientific Apparatus, when combined with Lectures accessible to workmen, had exerted a very beneficial influence on the development of the skill of artizans employed in making such instruments.

The Commission concluded this portion of their report as follows:—

"93. We accordingly recommend the formation of a Collection of Physical and Mechanical instruments; and we submit for consideration whether it may not be expedient that this Collection, the Collection of the Patent Museum, and of the Scientific and Educational Department of the South Kensington Museum should be united and placed under the authority of a minister of State."

In 1876 a Loan Collection of Scientific Instruments and Apparatus—opened by Her Majesty in person—was exhibited in the Western and Southern Galleries of the Horticultural Gardens, the former lent for the purpose by the Royal Commissioners of the Exhibition of 1851, and the latter the property of the State. Loan Collection of 1876.

The Loan Collection excited much interest and attention, not only in England, but on the Continent, from whence numerous contributions were received. Conferences were held in connexion with it in which the leading English and Foreign men of Science took part. It was so generally felt that it would be unfortunate if this opportunity of establishing a Science Museum were lost Memorial by Men of Science.

* These Collections are now at the Bethnal Green Museum.

that a memorial on the subject, signed by upwards of 140 of the most eminent men of Science in this country, who had taken part in the conferences, was presented to the Lord President of the Council by the President of the Royal Society and the five Chairmen of Conferences. The memorialists included Presidents of the Civil Engineers, the Mechanical Engineers, the Telegraph Engineers and the Naval Architects.

Letter to Duke of Richmond from President of Institution of Civil Engineers.

In 1879 (three years after the Exhibition of the Science Loan Collection), the President of the Institution of Civil Engineers addressed a letter to the Lord President of the Council, the Duke of Richmond, from which the following is an extract:—

"A more suitable place for such a gathering (the Conversazione of the Institution) it would be impossible to imagine, and I think it my duty to state that the many appreciative visitors I had the pleasure of receiving last night were unanimous in expressing their admiration of the value and importance of the National Collection contained in the Galleries in question.

"The Science and Art Department, as is well known, has already very successfully promoted the application of Art to industrial pursuits. The subject of Technical Education has ever received the earnest consideration of your Grace, and I hope may continue to engage the serious attention of Her Majesty's Government. As one means to this end, I trust the Collection of Engineering Models and objects will not only be maintained, but that hereafter it will be largely extended and systematised, so as to illustrate and popularise to the fullest extent the many applications of Science to the purposes of daily life."

Collections such as the Science Collections of the Department require constant sifting, and the elimination of obsolete as well as the incorporation of new and important objects. But owing to the uncertainty as to the form that this branch of the Museum was ultimately to take, and as to the length of time the limited area allotted to it could be retained, little if anything could be done to the Collection for some years, especially as a considerable portion of it must consist of loans which, if it might become necessary very shortly to return them, it was obviously undesirable to obtain from instrument makers and others.

Committee of Professors appointed by Earl Spencer in 1881.

The development of the Science Collections of the Department, thus remained in abeyance till 1881, when the Lord President, Earl Spencer,—stating that "the importance of having "a Museum for Scientific Apparatus is amply established,"—appointed a Committee to report whether the present Collection formed a nucleus for such a Museum; if so, whether there was much exhibited which should not be preserved; and what space would be required for the objects the Committee would recommend to be kept.

The Committee consisted of Mr. W. Spottiswoode, President of the Royal Society; Professors Huxley, Frankland, Goodeve, Guthrie, Judd, Norman Lockyer, Chandler Roberts, an

Warington Smyth, of the Normal School of Science and Royal School of Mines, with three officers of the Department.

They reported in October 1881, as follows:

Report of Committee.

As your Committee understand that your Lordships are satisfied that the importance of a museum of scientific apparatus is sufficiently established by the Report of the Royal Commissioners on Scientific Instruction and the advancement of Science, and the memorial of 1876 signed by about 140 persons, including many of the leading men of science, they propose to deal mainly with the special questions referred to them, namely:—

I. Would the present collection serve to form the nucleus of such a museum?

II. If so, is there much which should be got rid of?

III. What space would probably be required for the objects to be exhibited?

Your Committee presume that the purposes contemplated by your Lordships are those set forth in the memorial, namely, to assist investigators by "enabling "them to see how far, and by what processes, others have advanced in the "line of research which they may be pursuing; and by lending them, under "proper precautions, such instruments as might be profitably employed in "their researches." Secondly, to offer facilities "to teachers for selecting or "constructing the apparatus best suited for illustrating their lectures." And thirdly, to enable "constructors of mechanical and philosophical apparatus "to see original instruments which they might be required to reproduce or "improve."

Such a collection would be partly historical and partly practical; but as many specimens would gradually pass from the latter into the former category, and no definite line of demarcation between the two could be drawn, it is unnecessary to discuss them separately.

The sources from whence, presumably, the collection might be in the first instance drawn, and subsequently maintained, would be:—

The existing collection;
Purchases by the Department;
Gifts from societies or individuals;
Deposits for safe custody by Departments of the State, by societies, and by individuals;
Exhibits by constructors.

In order, however, that such a museum might be kept in a state of constant efficiency, and not become a "*caput mortuum*," it would be necessary not only that it should be under the charge of a competent curator, but that it should be constantly supervised by persons of special knowledge in the branches of science represented in the collections. For the latter purpose, the Council of the Normal School would appear to furnish precisely the element required.

While it would be premature to enter into any further details, it occurs to your Committee to mention, in illustration of their views, that one feature of such an exhibition might be to have specimens of recent inventions, either in themselves strictly scientific, or depending on and illustrating scientific principles in actual operation during certain hours of the day. Such, for instance, as Faure's storage battery, or some of the most recent forms of the electric light.

These and many other questions, such as that of oral explanation of the uses and manipulation of the instruments, would doubtless come under consideration at the proper time.

Assuming this to be the basis of the undertaking, your Committee are of opinion:—

1. That the present Collection does contain many objects suitable for the nucleus of the contemplated Museum. Among these are not a few, such as those deposited by the Post Office, and the Ordnance Survey, which it is very desirable to preserve. And your Committee cannot but believe that, if such a place of deposit were once established under competent direction, many other objects of interest would find their way thither, and thus would be saved from

destruction inevitable on the growth of the Departments or Institutions, to which they might still technically belong.

II. Your Committee at their last meeting made a survey of the present Collection; and found that a large proportion of the objects belong to the Educational Collection. Leaving these out of consideration, there would still remain a certain number, perhaps inconsiderable in the aggregate, of objects which it would be desirable no longer to retain; partly with a view of making the Collection more strictly in accordance with the purposes proposed, and partly in order to indicate from the first what objects might properly be offered or acquired in future. Your Committee would be happy, if desired, to examine the collections more in detail than has yet been done; but they venture to suggest that the object in view might perhaps be more readily and more effectually attained by an examination on the part of the several Professors and other members of the Council of the Normal School, of the various classes of apparatus and appliances relating to their own subjects respectively. The resulting recommendations might, if necessary, be revised by the Committee as a body.

III. On the third question, namely, the space that might probably be required for the purposes contemplated, your Committee feel great difficulty in expressing an opinion; both for other reasons, and because the extent of such a Museum must largely depend upon the manner in which the scheme is taken up by the classes for whose use it is primarily intended. It must also depend in some degree upon the direction and mode in which Science itself may be developed. But, speaking in general terms, they consider that for the purposes in view a space equal to that afforded by the Western Galleries should be eventually commanded.

Your Committee trust that the above remarks may be of service in enabling their Lordships to come to a conclusion upon a question which may prove to be of great importance in relation to the education, the industry, and the Science of the country.

Permanent Committee on Apparatus for Teaching and Research.

In 1882 the Professors of the Normal School of Science and Royal School of Mines were, in accordance with this recommendation, appointed as a permanent Committee of Reference on the Collections of Scientific Apparatus for Teaching and Research.

Structural Collections Committee.

Another Committee was appointed in August 1881, consisting of Mr. C. Hutton Gregory, late President I.C.E.; Mr. Street, President R.I.B.A.; Mr. J. Abernethy, President I.C.E. and Major Seddon, R.E.—the Examiner under the Department in Building Construction—to report on the Structural Collection and to advise whether it should be maintained; and if so, in what direction it should be developed; and what specimens might with advantage be removed.

Their Report.

The Committee in their report, after referring to a notable instance of the results of the exhibition of the structural collections, in the re-introduction and improvement of terra-cotta for buildings, came to the conclusion that the maintenance of the Structural Collection at South Kensington was highly desirable on public grounds, and strongly recommended the Lords of the Committee of Council on Education to sanction its maintenance, revision, and development.

In 1882 this Committee was re-appointed as a permanent Committee of Reference on the Structural Collection. It comprised Sir C. Hutton Gregory, Lieut.-Col. Seddon, R.E., Sir Horace Jones, President R.I.B.A., and Sir James Brunlees, President I.C.E. These gentlemen, after holding 12 meetings and thoroughly examining the collections, prepared in July 1883

an elaborate report of what objects should be included as bearing on the science of modern construction, together with a scheme of general arrangement and suggestions as to future development.

Other Standing Committees of Reference and Advice.

Standing Committees were also appointed in 1882 as "referees "or advisers as to purchases, elimination of objects, cataloguing. "and general arrangements," on the Naval Models, the Food Collection, the Animal Products Collection, the Collection of Economic Entomology, the Fish Collection, and the Educational Museum.

Report of Committee on Collection of Naval Models.

On the 1st March 1883 the Standing Committee of Advice on Naval Models, consisting of Lord Ravensworth, Sir E. J. Reed, K.C.B., M.P., Mr. W. B. Baskcomb, Mr. J. H. Morrison, and Mr. Joseph D'A. Samuda, considered and reported on that collection. They expressed a strong opinion as to its utility, and having carefully examined it in detail recommended that additional space should be provided, in order to allow for the amplification of the collection. This Committee has since been enlarged by the addition of the following gentlemen:—Mr. J. G. S. Anderson, Mr. Henry Green, Mr. B. Martell, Mr. William Parker, Sir Thomas Sutherland, K.C.M.G., M.P., Mr. Philip Watts, and Sir W. H. White, K.C.B., F.R.S.

The President and Council of the Institution of Naval Architects waited on the Lord President of the Council on 30th June 1887, and laid before him a memorandum relating to the collection of Naval Models. In this memorandum, after recapitulating the history of the collection and the various proposals that had been made with reference to it, they go on to say:—

Memorandum by Council of Institution of Naval Architects.

The Council of the Institution wish to bring under the notice of the Lord President the fact that shipbuilding and marine engineering is, after agriculture, the largest industry in the United Kingdom. It is at the same time by far the most difficult branch of engineering to master; and the one which requires the most exact and systematic technical training. These facts have been recognised by the Committee of Council on Education in that the Science and Art Department conducts special examinations in Naval Architecture. In 1881, when Lord Spencer was waited upon by a deputation from the Council of the Institution of Naval Architects who urged him to re-model in some respects the examinations of the Department, he acknowledged in the fullest manner the importance of the industry and the desirability of improving the examinations, so as to make them available for the better class of draughtsmen, apprentices, and students. The Council of the Institution of Naval Architects urge the importance of still further extending what was done in 1881, and would suggest the establishment of summer classes for teachers of Naval Architecture and Marine Engineering at the Normal School of Science, South Kensington.

The importance of good museums in furthering the work of technical education cannot be over-estimated; the Council of the Institution therefore specially recommend that the suggestions contained in the report of the majority of the inter-Departmental Committee (Sir F. Bramwell's) be carried into effect, so far as regards the collection of Naval Models and Marine Engines, by retaining the collection at South Kensington Museum, and by providing the requisite space for its present and future development. The Council of the Institution consider that South Kensington is the best site for the Museum because of its central position which is readily accessible both to professional men and to students, and also because of its proximity to the Normal School

of Science. They also consider that the Museum should remain under the charge of the Science and Art Department because in this way alone can the enormous advantages be adequately secured of lending portions of the collection to the local museums in the various provincial towns which are interested in the industries represented.

The Council of the Institution desire to point out to the Lord President the great success which has hitherto attended the efforts of the Science and Art Department in furthering the cause of technical education in Naval Architecture. The examinations in this subject are greatly appreciated in the sea-port towns of the country, and are being continually taken more and more advantage of.

When the Department dealt with the highest class of education in Naval Architecture by assisting in founding and by carrying on the School of Naval Architecture at South Kensington, the success which attended their efforts was phenomenal, the great majority of the rising men in the profession having been educated at that Institution. For instance, the present Chief Constructor of the Navy and the present Director of Dockyards were educated there, besides the Chief Engineer and the Inspector of Machinery to the Admiralty, the Chief Engineer and the Chief Constructor at Portsmouth, the Professor of Hydraulic Engineering at Cooper's Hill College, the Managers of the Barrow Shipbuilding Company and of Earle's Shipbuilding Company, in fact a very large proportion of the leading men in the profession at the present time.

Transfer of Patent Museum to Department.

In December 1883 the Patents, Designs, and Trade Marks Act, before referred to, having transferred the control and management of the Patent Museum to the Department of Science and Art, and given it power (sec. 42) to require a patentee to furnish it with a model of his invention on payment of the cost of manufacture, the Lords of the Committee of Council on Education appointed a Committee to advise them as to the existing Patent Museum considered in connexion with the Mechanical Section of the South Kensington Museum. They were asked to report as to what objects in their opinion should be retained by the Department of Science and Art for the various sections of the Science Museum, and to offer suggestions as to the scope and development of the Mechanical Section of the Science Museum treated from the Scientific and Educational point of view.

Committee on Patent Museum, 1884.

The Committee consisted of Mr. John Slagg, M.P. (Chairman), Sir W. G. Armstrong, C.B., F.R.S., Sir J. W. Bazalgette, C.B., President of the Institution of Civil Engineers, Sir James Brunlees, C.E., F.R.S.E., Mr. Edward A. Cowper, C.E., Professor T. M. Goodeve, Sir Charles Hutton Gregory, K.C.M.G., Mr. John Hick, C.E., Mr. James Howard, M.P., Mr. Charles Manby, C.E., F.R.S., Mr. J. Hinde Palmer, Q.C., M.P., Sir E. J. Reed, K.C.B., M.P., and Sir Bernhard Samuelson, Bart., M.P.

Report of Committee.

The principal parts of their Report were as follows :—

I. In order to comply with the first portion of the instructions of their Lordships we have carefully inspected the whole of the Objects and Models in the existing Patent Office Museum, and have further examined the Mechanical Models in the Scientific Department of the South Kensington Museum (exclusive of Ship Models and their accessories), and we beg herewith to hand in two Catalogues of the Objects that we recommend should be retained as a first instalment of the Mechanical Section of the Science Museum on the ground of their utility from a Scientific and Educational point of view.

II. The principle of selection that we have followed, has been to throw out such objects as have no historical interest, and are neither good

examples of accepted practice or modern improvements, nor steps or links in invention.

III. We, however, suggest the preservation of some few very old Machines of great historical interest, as, for instance, Watt's first Engine, Trevithick's Locomotive and Stationary Engines, Stephenson's "Rocket," and Hackworth's "Sans Pareil," and "Puffing Billy" Locomotives. We also propose to retain a good selection of Anchors, Screws, and Paddle Wheels of various forms and dates, including the "Rattler" Screw Propeller which was the first fitted by the Government to a Ship of War; a complete set of all the parts of a small arm Rifle in the various stages of manufacture; many interesting and instructive Models connected with Wool Combing and with the Cotton Manufacture; a series of Sewing Machines; and many other examples.

IV. The objects retained are valuable as illustrating by examples the progress of Mechanical Science and Invention, which has been laid down by my Lords as the aim to be attained. But with respect to very many subjects, there are at present either no models or so few, that the collection will have to be greatly enlarged.

V. Much more room is required even for the display of what already exists, and a complete re-arrangement is needed, for which there is no space in the present building.

VI. Whilst it is desirable that the Science Library should be near the Science Museum, there should be an appropriate selection of Specifications of Patents in connexion with that Museum for facility of reference.

VII. As regards the second portion of their Lordships' reference, the Scope and Development of the Mechanical Section of the Science Museum treated from a scientific and educational point of view, we consider that this Section should consist mainly of two Divisions; the first of these should contain models to illustrate Mechanical principles; the second should contain the best examples of the application of these principles to the Mechanical Arts.

VIII. A collection of models illustrating Mechanical principles has already been formed for the use of the Normal School of Science, and when not required for teaching purposes is exhibited with the other Science Collections of the Department; but it will require considerable additions. A collection of specimens of machine details has likewise been commenced. Both collections may be made available, so far as they go, for the purposes of the Science Museum.

IX. In regard to the second Division, that of machinery showing the application of mechanical principles to the Constructive Arts, it has already been stated that although many of the articles from the Patent Museum, and from the collection of objects from the South Kensington Museum proper, are of great value, they form in but very few cases a complete illustrative series. The power acquired by the Government of demanding from Inventors models of the inventions patented by them will be extremely valuable, if the selection is made with judgment; but inasmuch as this power applies only to future inventions, it is evident that it is insufficient of itself to form such a collection as will adequately illustrate the state of Mechanical Art even if all important inventions were patented, which is not the case. For such a purpose it will be necessary to procure illustrations of Machinery of various kinds, many of which might be working sections in wood.

X. Doubtless many Machine makers would be ready to supply models or machines either gratuitously or at a very moderate price, and others should be constructed in the repairing workshop attached to the Museum.

XI. The following are a few examples of the sub-divisions under which this portion of the Museum might be arranged:—

1. Prime Movers.
2. Machines for moving Weights.
3. Machine tools.
4. Machines used in Manufactures.

5. Machines and Apparatus for Transport.
6. Machinery and Apparatus used in Metallurgy and Mining.
7. Machines used in Agriculture.
8. Machinery for Lighting.

And so forth.

In some of the sub-divisions there might be models or other illustrations of the complete Establishment in which any given work is produced, showing the various stages passed through, from the raw material to the finished work.

XII. In many cases drawings will be required as permanent illustrations, in other cases they may either temporarily or permanently take the place of models.

. . . .

XVI. The area of the present Patent Museum is as before mentioned insufficient for the proper display even of the objects which we recommend should be retained; more room will also be required for the Specifications of Patents and for such drawings of machinery, &c. as may not be displayed on the walls. Floor area well lighted, of from 40,000 to 50,000 square feet would be necessary to carry out effectively the proposals made by us.

XVII. We consider that the system of lending specimens of the collection to the provinces, which has for many years been practised by the Department with so much advantage, should be followed in this division: care should of course be taken not to impoverish the collection at South Kensington by this course of action, and some additional expense for duplicates would be involved; but the beneficial results to the country at large would amply repay the extra cost.

XVIII. We have not considered it necessary to prepare an estimate of the cost of a suitable building. At the outset, and for a year or two to come, the Department should be prepared to spend a considerable amount of money in making the collection what it ought to be, but we believe that when this has been effected not more than about 5,000*l*. per annum need be expended on Machinery, Models, and Drawings.

XIX. The very large sums which have been received in past times from Inventors, and which according to present prospects are likely to be received in future, notwithstanding the great reduction in the Patent Duties under the Act of last Session, may fairly be taken into consideration in reference to the expenditure which we have suggested. This would be in conformity with the recommendations contained in the fourth Report of the Royal Commission on Scientific Instruction. (*See* extract appended.)

XX. Though we have every reason to believe that the Lords of the Committee of Council on Education are fully alive to the great importance to the nation of a properly constituted Science Museum with a fully developed Mechanical Section, we are bound—lest there should be any misapprehension as to our opinion on the subject—to record our strong and earnest conviction that this is a matter of pressing and urgent importance not only in relation to the Scientific Education but also to the industrial progress of the country.

Extract from the Fourth Report of the Royal Commission on Scientific Instruction, 1874 (*referred to above, Section XIX.*).

"88. Although the question of the establishment of a Museum of Scientific Apparatus is more closely allied to the objects of our commission than that of a Museum of Mechanical Inventions, we think it right to call attention to the proposals made by a Committee of the House of Commons appointed to Report on the Patent Office Library and Museum.

"89. That Committee gave, in the following terms, their conception of the nature of the 'General Museum of Mechanical Inventions,' the establishment of which they contemplated:

'It appears to your Committee that the chief purpose of a General Museum is to illustrate and explain the commencement, progress, and

present position of the most important branches of mechanical invention; to show the chief steps by which the most remarkable machines have reached their present degree of excellence; to convey interesting and useful information, and to stimulate invention.'

"90. With regard to the funds which would be necessary for the establishment of such a Museum on an adequate scale, the Committee referring to a large sum which had accumulated from the fees paid by inventors (which fund at the end of the year 1871 amounted to 923,741*l.* 8*s.* 11*d.*), stated that—

'Your Committee consider that the principal object of the fees payable under the provisions of the Patent Law Amendment Act was to provide for the proper working of that Measure, and not for the purpose of increasing the general revenue of the country. Without entering upon the question whether or not a claim exists to have the surplus exclusively devoted to the purposes of the Act of 1852, your Committee are of opinion that for the future the annual surplus revenue accruing from the operation of that Act should be so applied to the extent which may be necessary.'

"91. We agree with the Committee as to the general character of the objects to which the fund in question should be appropriated.

"92. We consider that this fund, which is derived in great part from the Applications of Scientific Principles to various uses in the Arts and Industries of the country, would be very properly spent in bettering some of the conditions on which invention and discovery depend; and we are of opinion that, among the uses to which a fund could be most advantageously applied, the establishment of such a Museum of Scientific Apparatus as that which we contemplate, would rank among the most important; and we are convinced that such a Museum would have a material influence upon the spread of Scientific Instruction throughout the country, and would therefore largely foster Invention and Discovery."

Permanent Committee on Machinery and Inventions Section.

This Committee has been re-constructed as a permanent body for advice and reference on the Machinery and Inventions Section of the Museum, the following gentlemen having been added:—Sir Frederick J. Bramwell, Bart., F.R.S., Mr. William Parker, Dr. W. Pole, F.R.S., Mr. W. H. Preece, C.B., F.R.S., Mr. Henry Robinson, Sir Richard E. Webster, G.C.M.G., Q,C., M.P., and the Presidents for the time being of the Institution of Civil Engineers, and the Institution of Mechanical Engineers. In July 1887 they sent in the following Report to the Lords of the Committee of Council on Education:—

Their Report.

I. The Committee of Advice and Reference on the Machinery and Inventions Division of the South Kensington Museum, having carefully considered the subjects which ought to be illustrated in it, submit the accompanying list of Apparatus, Models, and Diagrams, and recommend it for adoption by the Department of Science and Art as a preliminary but not exhaustive list.

II. They believe that the objects so indicated would, with those already in the possession of the Department, require, as formerly stated, about 50,000 square feet for their exhibition, or about 39,000 square feet more than are at present devoted to this Section of the Museum.

III. The Committee, having in view the extremely rapid progress of Science and of Invention generally throughout the country, deem it of very great importance to the promotion of Industry that immediate steps should be taken to extend the present collection, so as to form a thoroughly useful Museum of Machinery and Inventions, as recommended in the Report, dated 4th March 1884, of the Committee appointed on 21st December 1883. On this head the Committee trust it is unnecessary to again call attention to the very large sums of money (amounting up to the end of 1885 to 2,595,776*l.* 12*s.* in excess of expenditure on the Patent Office) which Patentees have contributed and continue to contribute to the State.

Necessity for a Science Museum.

The value of, indeed the necessity for, a Science Museum as lying at the base of Scientific and Industrial progress, which was foreseen in the Treasury Report of 1853 above quoted, has thus not only been fully recognised by the Royal Commission on Scientific Instruction by whom its usefulness to the man of Science is compared to that of a Library to the student of literature, but in the Memorial and the Reports of Committees, to which reference has already been made, their views have been endorsed by nearly every man in the country qualified to express an opinion on the subject.

Inter-departmental Committee on Science Collections, 1884.

The Treasury, on the 14th January 1884, appointed an inter-departmental Committee to consider and report upon the scope of the Scientific and Technical Collections, including the Patent Museum, and the space required for them immediately and prospectively, and to suggest plans for housing these collections in the existing galleries to the south of the Horticultural Gardens, or in new galleries to be built upon their site, and the adjacent ground, now the property of the Government. The members were, Sir Frederick Bramwell, F.R.S. (Chairman), Lord Lingen, K.C.B., Mr. A. B. Mitford, C.B., and Colonel Donnelly, R.E., with Dr. W. Pole, F.R.S., as Secretary.

Report of Sir F. Bramwell's Committee.

In their Report, from which Mr. Mitford dissented and gave in a separate Report, the Committee say " We need not enlarge " on the desirability that such a country as Great Britain should " possess a thoroughly good and complete National Collection of " Scientific and Technical objects, any more than it should " possess a museum of objects of art or of Natural History. " When it is considered how much the prosperity of the nation " is bound up with industrial enterprises and occupations, and " how largely these depend, for their success, on practical appli- " cations of Science, it needs no elaborate reasoning to prove " that the public exhibition of well selected and judiciously " arranged Scientific and Technical Collections, particularly " when used in connexion with efficient courses of instruction, " justifies its cost."

Having before them the recommendations of the several Committees to whom reference has already been made the Committee state, " considering that the members of these Committees were " selected, on the responsibility of the Government, for their " competence as authorities in there respective branches of " Science, and considering the detailed nature of their inquiries, " we assume their conclusions as the basis of our recommenda- " tions.

" We may also add that similar Committees are permanently retained, under the name of ' Committees of Advice and Reference ' for the several collections."

And, with reference to the space required, they say " we adopt " the following figures given by the Reports of the different

"Committees, adding some estimates for the future where they "have not been stated:—

——	Space now required.	Estimated increase of Space required in 10 years.	Space required at the end of 10 years.
	Square feet.	Square feet.	Square feet.
Various science collections	37,000	3,000	40,000
Naval models	10,500	10,000	20,500
Building, construction	15,000	10,000	25,000
Fish culture	5,000	1,000	6,000
Educational collection and library	7,500	1,000	8,500
Mechanical collections	45,000	15,000	60,000
	120,000	40,000	160,000

In framing their estimates, the Committee generally took, as the basis of their computation, top-lighted galleries 30 feet wide, which afford a large amount of well lighted wall space in proportion to floor area. But with galleries side lighted in which some part of the collections must necessarily be housed, an increase of floor area will be required. The Committee then propose a plan, with estimate, for finding the necessary accommodation and housing the collections with the National Portrait Gallery on the available land, the property of the Government, on the west side of Exhibition Road.

This Report, with Mr. Mitford's separate Report, &c., has been published as a return to an address of the House of Commons, dated 11th March 1886.

On the 19th February 1889, the Treasury, in view of the complaints of want of space in the galleries belonging to the Department of Science and Art at South Kensington, appointed another Committee to examine into the Science Collections contained in those galleries, and to report whether there are any duplicates or other objects no longer essential to the value and representative character of the Collections, which might be removed in order to provide additional accommodation for new objects of greater importance. Treasury Committee of 1889 on Science Collections.

The Committee was also instructed to investigate the existing practice of circulating Scientific objects on loan to Museums and Schools, so far as it affects the question of accommodation for storage or exhibition purposes at South Kensington.

This Committee, which consisted of Mr. John Evans, D.C.L., LL.D. (Chairman), Lord F. Hervey, M.P., Lord Rayleigh, Sir Bernhard Samuelson, Bart., M.P., Sir Douglas Galton, K.C.B., and Sir Henry Roscoe, D.C.L., LL.D., M.P., with Mr. Stephen E. Spring Rice of the Treasury as Secretary, presented their Report on the 23rd July 1889 (Parly. Paper C., 5831.)—In this they state that "After some pre- Their Report.
"liminary deliberation, and an inspection of the collections

"which form the subject-matter of our inquiries, we proceeded "to take evidence from representatives of the Science and Art "Department and others who had been practically concerned "in the formation and arrangement of these collections; and, "during our inquiries, we have again inspected the several "branches of the Museum in company with professors of the "Normal School of Science and others specially conversant with "the contents of each; we have also been furnished with de- "tailed catalogues of the collections. By these means we "trust that we have secured an acquaintance with the contents "of the science collections sufficiently exact for the purpose of "our present inquiry."

The various changes that had taken place in the Science Collections since the Report of the Committee of 1884 are detailed, especially the suppression of the Educational and Structural Collections, and the Committee state that in their opinion "the necessity for the exhibition of school furniture and "fittings, such as are required for schools receiving grants "under the Elementary Education Acts no longer exists; but "(under proper limitation) a series of diagrams and models of "the best forms of construction, and a collection of specimens "of material, specially designed for scientific and technical "instruction, might with advantage be exhibited in connexion "with the subject of mechanics as taught in the Normal School, "and with that subject and with building construction as "taught in science classes, and with the general collection of "applied science. Such a collection should be strictly technical "in character; otherwise there would be a risk of indefinite "extension in this department."

They also express an opinion "that there is no necessity for "the Fish Culture Collection being retained at South Kensing- "ton, and certainly no provision should be made for it in any "building scheme there."

With these exceptions, they recommend the retention of the other Collections, namely, those in the Western galleries connected with Scientific Instruction and Research; the Collection of Machinery and Inventions, including the selected specimens from the old Patent Museum; and the Collection illustrative of Naval Architecture and Machinery. Of this last they state that "on "the whole we have arrived at the conclusion that it would "be practically impossible to reconcile public opinion to the "removal of this collection elsewhere, and that space must "therefore be provided for it at South Kensington."

As regards the buildings, they point out that "the Western "Galleries, at present in use, are fairly satisfactory as regards "construction and lighting, and allow their nominal area and "wall space to be utilised to the full extent of their capacity. "They are, however, inconveniently situated as regards both "the Normal School and the rest of the Museum, and we have

"little doubt that a building giving an equal accommodation "could be provided at a cost less than the capitalised value of "the rent (2,000*l.* *per annum*), at present paid for them," while the requirements that exhibition buildings should be well-arranged, well lighted, and of a durable character, "are not "fulfilled in the case of the Southern galleries, the upper floor "of which is, we are informed and believe, incapable of sup-"porting considerable weights, so that collections of machinery "cannot be placed in that portion of the building. It may also "be observed that these galleries appear not to be well secured "against fire. The rent of 1,500*l.* per annum is paid for the "central block of this building, for the capitalised value of "which sum a larger and more convenient building could "apparently be erected. The present state of dispersion of the "museum involves extra expense in connexion with the en-"trances, attendants, and police, and also increases the difficulty "of an efficient superintendence by the superior officers in "charge of the collections. We feel bound to call attention to "these facts, which have been forcibly impressed on us by our "observations on the spot as well as by the evidence we have "received."

As regards the circulation of Scientific Apparatus, they point out that the space required for housing the Collections when not on loan, even if somewhat extended in the future, will not involve any extension of exhibition space.

The Report concludes as follows:—"In conclusion, we may "summarize the results of our inquiries by expressing the "opinion that little, if any, space can be gained by weeding the "existing collections, and that, subject to the reservations we "have made as to effective organization and administration, "and as to the character of the buildings to be assigned to the "collections, an exhibition space of about 90,000 square feet "should be provided without delay, and would suffice for the "requirements of a creditable Science Museum, with adequate "space for all the departments for which it appears at present "necessary to provide. This space includes provision for a "scientific structural collection on the lines indicated in "paragraph 5 of this report, but does not include any provision "for offices, warehouses, workshops, or other accessories to such "a museum."

The foregoing is a summary of the various official reports and recommendations relating to the Science Collections of the Department. The present position of these Collections is as follows:— Present position of Science Collections.

Machinery and Inventions occupy a considerable portion of the lower story of the Southern Galleries to the west of Exhibition Road, and comprise all that was considered by the Committee of Advice as worthy of permanent exhibition from the old Patent Museum, together with various examples of machinery the property of, or on loan to, the Department, including a series

of early Telegraph Instruments belonging to the Post Office, and first lent to the Science Loan Collection of 1876. Most of the working models are shown in motion, the motive power being compressed air.

NAVAL MODELS and MARINE ENGINES occupy a small portion of the lower and several rooms in the upper story of the Southern Galleries.*

SCIENTIFIC APPARATUS for TEACHING and RESEARCH occupies the upper and a large portion of the lower floor of the Western Galleries in Queen's Gate, the entrance being in Imperial Institute Road.

Objects in the Science Collection are of constant use in the instruction in the Royal College of Science. It is in fact the Science Museum connected with the general College of Science contemplated by Sir C. Trevelyan and Sir Stafford Northcote in their report to the Treasury in 1853. The collections are specially useful for the classes of teachers brought up from the country annually for short courses in the Royal College of Science, and are largely used by Science Classes in and near the metropolis.

STRUCTURE.—Owing to want of space and the imperative necessity of providing for the reception of the selected objects from the old Patent Museum, this Collection has for the time been dispersed. If space can hereafter be provided, a new series of examples must be collected, so as to carry out the strong recommendations of the Committee of Reference already mentioned, supported as these recommendations are by the Report of the Treasury Committees of 1884 and 1889.

The EDUCATIONAL COLLECTION, comprising models of school furniture and fittings, and other educational appliances, which formed a prominent part of the contents of the Museum from 1857 to 1878, but which of late years has been very inadequately shown in the southern galleries, was in 1888 returned to the exhibitors. These models, &c. have been of great practical value to school managers, especially during the rapid extension of school buildings which followed the Education Act of 1870.

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* In 1879 the ground floor of the Eastern end of the Southern Galleries was given up to the National Portrait Gallery, to which previously the upper floor only had been appropriated. This Eastern portion was then cut off from the rest, and a passage was constructed round it to give access to the Western portion of the Southern Gallery and to the Western Gallery in which the Science Collections of the Department still remained.

In consequence of the danger from fire it was decided in July 1885 to remove the National Portraits from these Galleries, and in accordance with the request of the Trustees, and with the approval of the Treasury, the pictures were lent to the Science and Art Department to be exhibited in the Bethnal Green Museum, rooms being provided for offices for the keeper, the library, and part of the staff in Great George Street. The National Portraits, to which the whole of the upper Galleries of the Bethnal Green Museum have been devoted, were opened to the public in the following October.

For the present the collections of modern porcelain and furniture removed from Bethnal Green to make room for the Portraits are exhibited, with the electrotype reproductions of works of Art belonging to the Department, in the eastern portion of the Southern Galleries. The wooden passage before referred to has been removed, as well as two adjacent highly combustible wooden structures.

The object of their exhibition has, however, now to a great extent been attained, and as the space occupied by them was urgently needed for other purposes, it has been decided to discontinue this collection, at least for the present.

FISH CULTURE COLLECTIONS.—In 1864 Mr. Buckland commenced the construction of a fish hatching apparatus in connexion with the Food and Animal Products Collection, towards which the Department contributed a small sum in 1865. This apparatus, requiring a constant supply of fresh water, was erected apart from the rest of the Collection, in the central corridor of the buildings at the South of the Royal Horticultural Gardens. Mr. Buckland received a fee from the Department of Science and Art from year to year for superintending it.

In the Annual Report for 1866, p. 232, the formation during 1865 of a separate Collection for the purpose of more fully illustrating the Economics of Fish Culture and Preservation is alluded to. This Collection was supplemental to the Fish Hatching Apparatus and was "the private property of Mr. Buckland," and at his request he was allowed to develop it as his private Collection. About the same time he asked for better accommodation for the fish he had hatched and was hatching. The continuance of his experiments in "Fish Hatching" was accordingly authorised, and the Horticultural Society were applied to for permission to sink a larger tank in their gardens, which they granted. Mr. Buckland's services were continued from year to year, and the Fish Hatching Apparatus, with his collection, was moved, in 1870, to the Southern end of the Western Arcades, which was lent by the Royal Horticultural Society. It has remained there ever since, but owing to alterations in the buildings to allow of a new road crossing the Gardens, the space it occupies has been greatly contracted.

In 1880 Mr. Buckland died and left his Collection to the Department. In 1881 the Department made some purchases for it from the Norwich Fisheries Exhibition, and in 1882 from the Edinburgh Fisheries Exhibition. A Collection of British Fishes was also presented by the late Dr. Day. Since Mr. Buckland's death specimens have been lent to Provincial Exhibitions. Professor Huxley reported in 1882 upon the Collection, and suggested a revision of it after the conclusion of the International Fisheries Exhibition of 1883. By his will Mr. Buckland, after giving a life interest in the residue of his property to his widow, bequeathed 5,000*l.* after her decease to the Lords of the Committee of Council on Education to form an endowment for the foundation of a Professorship of Economic Fish Culture, to be called the "Buckland Professorship," under regulations to be approved by the Department.

Buckland Bequest.

Buckland Professorship.

As already stated on page lix, the Committee of 1889 do not recommend that provision should be made for this Collection in any building scheme for the extension of the South Kensington Museum.

The Committee of Advice and Reference on the fish collections consists of:—Sir J. R. G. Maitland, Bart., and Sir Edward Birkbeck, Bart.

Science and Education Library.

Among the collections received in 1857 were a number of elementary school books, part of an Educational Exhibition held in St. Martin's Hall in 1854 under the Society of Arts. These formed the nucleus of a general educational library which has attracted many readers. To meet the needs of the students in the Science schools the scientific side of this library has of late years been largely developed, and recently a considerable portion of the library of the Royal School of Mines in Jermyn Street has been incorporated with it, thus forming a library for Science students corresponding to that already provided for Art students. For the present this library occupies one of the courts in the South Kensington Museum.

The school and text books, English and Foreign, from the old Educational Library have now been formed into a separate collection for reference and inspection, but are not for use as a reading library. The books relating to the history, science, and art of education, English and Foreign; reports and memoirs relating to public instruction at home and abroad; educational periodicals of all countries; reports, calendars, examination papers, &c., of public educational institutions form a separate section in the same room as the Science Library, where they can be consulted by readers.

No additions are now made to the other classes of books in the Educational Library; but those already in the possession of the Department are retained in the present rooms, and are open to use by readers as before.

This library, which contains more than 64,000 volumes, is free to students of the Science Schools, and the public are admitted by ticket, so long as there is room for them after providing for the former, as to the Art Library. The publications of the Patent Office, formerly in the Patent Museum, now form a part of this Library.

(c.) *Branch Museum at Bethnal Green.*

Branch Museum at Bethnal Green.

In 1866 it became necessary to remove the larger part of the temporary iron buildings at South Kensington to make room for a permanent structure. It was at first contemplated to use the materials to establish two district Museums, one at the East End and the other in the South of London. Eventually they were employed in building the Branch Museum at Bethnal Green, the site for which was provided by the inhabitants of the East End of London.

Its object.

It was decided that this Branch Museum should serve for the reception of objects of Science and Art which were insufficiently provided for in the South Kensington Museum such as the collection of Animal Products. The site was transferred to the Government in February, 1869, and the buildings

which had been erected by a Parliamentary grant, were completed early in 1872. The Animal Products and Food Collections were removed from South Kensington, and the artistic Division consisted of Pictures and Works of Art lent by Sir Richard Wallace. The Museum was opened by Their Royal Highnesses the Prince and Princess of Wales on the 24th June 1872. The Art collections have been changed from time to time, various and important contributions on loan having been made by private persons, and for some years all examples of Industrial Art of later date than 1850 were exhibited here, forming a very complete illustration of the progress made during the present generation, or since the first Exhibition of 1851. These have now been returned to South Kensington. In September 1885 the National Portrait Gallery was removed hither, the pictures having been lent to the Department by the Trustees until some provision could be made for their greater security against risk from fire than was possible in the building at South Kensington in which they had been for some years exhibited. They have now been transferred to the new gallery specially erected for them.

National Portrait Gallery removed to Bethnal Green Museum.

A bequest to this Museum by Joshua Dixon, Esq., of Winslade Park, near Exeter, of a collection of 295 oil paintings, water colour drawings, engravings, &c., was received in 1886, and opened for exhibition in November, together with 13 large drawings of St. Peter's at Rome by Louis Haghe, given by Charles Seeley, Esq.

Dixon Bequest and Gift by Mr. C. Seeley.

Up to the end of 1894 the Branch Museum had been visited by 12,698,254 persons. It is now open, free, every weekday at 10 a.m., closing on Mondays, Thursdays, and Saturdays at 10 p.m., and on the other three days at 4, 5, or 6 p.m. according to the season.

Number of Visitors.

Grants to Museums towards the Purchase of Objects, &c.

Grants in aid of the purchase of objects are made to Museums in connection with Schools of Science or Art, or established under a Municipal or a Local Authority, primarily to assist them in obtaining reproductions in plaster or by the electrotype process, or by photography. The grants are not, however, absolutely so limited, and may be made for the purchase of original objects of Decorative Art or of Science. But in considering the applications, preference is always given to those for reproductions.

Grants to Museums.

Applications for grants must be accompanied by—

Applications for grants.

(*a*.) A list of objects which it is desired to purchase.

(*b*.) A copy of the rules under which the Museum is administered, including those for the admission of visitors and of students.

Before a grant can be sanctioned, the objects must be approved by the Department. No grant is made towards the cost of the

carriage of the objects. No object on which aid has been granted may be sold or exchanged without the permission of the Department.

The grant, which in no case exceeds one half the cost of the objects, and must be met by at least an equal amount raised locally by rate or voluntary contribution exclusive of any sum received under the Local Taxation (Customs and Excise) Act, 1890, is made on the receipt of a certificate that the objects have been paid for and deposited in the Museum.

All applications must be made before the 25th July, when they are considered together, with a view to the allocation of the sum granted by Parliament for the financial year.

These grants commenced in 1881, and after having been in abeyance for three years were reinstated in 1889.

Loans to Schools and Museums.

Circulation of Collections.

Reference has already been made to the commencement, in 1852, of the system of circulating Objects of Science and Art from the South Kensington Museum. This was revised by Minute of 29th March 1860, and a Report upon this function of the Department of Science and Art was published as a Parliamentary paper in 1881.

Since the issue of this report the number of Museums assisted by the Department has largely increased.

System of circulation.

Collections of objects are lent for a short period of exhibition to Schools of Science or Art, and for an extended period of exhibition to permanent Museums at Schools of Science or Art, and to Museums established under a Municipal or a Local Authority.

Loans to temporary exhibitions.

The conditions under which objects are lent for exhibition for a short period are as follows:—

a. That the objects lent by the Department are supplemental to other contributions.

b. That adequate provision, previously approved by the Department, is made for exhibiting them.

c. That their security and safe return is guaranteed.

d. That the Exhibition is open to the public, both during the day-time and the evening.

e. That students of the School are admitted free; that arrangements are made for admission of artizans not students in the School at a reduced rate on certain evenings; and that, in the event of the Exhibition remaining open more than three months, it is free at least on one day and one evening in each week.

f. That any surplus in the receipts is applied for the benefit of the School or Museum with which the Exhibition is connected.

Collections are lent exceptionally to localities where no School of Science or Art or Municipal Museum exists on conditions determined by the circumstances of each case; provided always,

that the proceeds of the Exhibition are devoted to the furtherance or establishment of a School of Science or Art, or of a Municipal Museum.

With regard to the collections, the Department, whilst consulting the wishes of the local authorities as to the nature of the objects, reserves to itself the absolute right of selection.

Arrangements for the carriage of the objects should be made by the Local Committee, but the Department reserves to itself the right of forwarding the collection by any route.

The Committee is required to pay half the charges for carriage to the Exhibition and back. When it is deemed advisable to send an attendant in charge of the collection the Committee is required to contribute 3*s.* 6*d.* a day towards his wages.

Collections are lent to permanent Museums and are allowed to remain for twelve months under the same conditions as at temporary Exhibitions; at the expiration of that period they will be withdrawn, and a fresh contribution may be sent. Loans to Museums.

The conditions are the same as for loans for short periods; except that the Museum must consist of at least one room or gallery entirely devoted to the exhibition of objects; and must be open free at least on one day and one evening in each week.

Collections have been lent to the following 49 Museums:—Aberdeen Belfast, Birmingham, Blackburn, Bolton, Bootle, Bradford Burslem, Carlisle, Chester, Cork, Derby, Dover, Dundee, Glasgow Greenock, Halifax, Hanley, Ipswich, Kidderminster, Leeds, Leek Leicester, Lincoln, Macclesfield, Maidstone, Manchester (Queen's Park), Manchester School of Art, Newport (Mon.), Northwich, Nottingham, Oldham, Paisley, Peterborough, Poole, Portsmouth, Preston, Reading, Rotherham, Salford, Sheffield, Stockport, Stoke-on-Trent, Sunderland, Walsall, Warrington, Wednesbury, Wolverhampton, and York.

Apparatus, paintings, drawings, books, &c. are lent to Schools of Science and Art for the purpose of study. These loans are of two kinds, (*a*) the deposit loan principally to provide objects for still-life painting or special subjects of study, the objects being left for considerable periods, and (*b*) the temporary loan usually made for about twelve weeks in the case of Art objects, and for about three weeks in the case of Science apparatus. The Committee is required to enter into the same guarantee for the safe custody and return of the objects as when they are ent for exhibition. Loans to School of Science and Art.

COMMITTEE ON SOLAR PHYSICS.

Members of Committee.

The Committee consists of the following members:—

Sir G. G. Stokes, Bart., M.A., D.C.L., F.R.S., *Chairman.*
Captain W. de W. Abney, C.B., R.E., D.C.L., F.R.S.
Mr. W. H. M. Christie, M.A., F.R.S., Astronomer Royal.
Mr. G. H. Darwin, M.A., F.R.S.
Major-General Sir John F. D. Donnelly, K.C.B., (late R.E.).
Mr. J. Norman Lockyer, C.B., F.R.S.
Lieut.-General Strachey, R.E., C.S.I., F.R.S.
Mr. Frank Rede Fowke, *Secretary.*

SOLAR PHYSICS LABORATORY.

Mr. F. E. Baxandall, } *Computors.*
Mr. W. Shackleton, }

Report of Royal Commission.

In the year 1875 the Royal Commission on Scientific Instruction and the Advancement of Science, in their eighth and final Report, strongly recommended the establishment by the State of an observatory for Solar Physics. They stated that their opinion is confirmed by the action of foreign countries in this matter, observatories for astronomical physics having been already established in various parts of Italy, while their immediate erection had been decided upon in Berlin and in Paris. The Royal Commission further expressed a hope that similar institutions might be established in various parts of the British empire, and they particularly called attention to the great advantages that India afforded for continuous observations at certain high level stations, which are so important in this matter. In 1876 a large and influential deputation from the British Association had an interview with the then Lord President of the Council. the Duke of Richmond and Gordon, to urge on the Government the necessity for taking action on this and other recommendations of the Royal Commission. In replying to that deputation the Duke of Richmond stated that Mr. Lockyer had been transferred from the War Office to the Department of Science and Art, and that facilities were being afforded him for carrying forward the researches bearing on this subject, in which he had been engaged for several years.

India.

Deputation to Lord President.

Appointment of Mr. Lockyer.

Memorial by Men of Science.

Shortly afterwards a memorial was presented by a large number of eminent men of science on the same subject. They based their appeal for the formation of an observatory for astronomical physics on the fact, that in the opinion of a considerable number of scientific men there was a more or less intimate connexion between the state of the sun's surface and the meteorology of the earth, and they called attention to the fact that recent independent investigations on the part of several persons had led them to the conclusion that there was a similarity between the sun spot period, periods of famine in India, and cyclones in the Indian Ocean. They conclude by saying, "We "remind your Lordships that this important and practical

Sun spots, their relation to famines and cyclones.

" scientific question cannot be set definitely at rest without the " aid of some such institution as that, the establishment of " which, we now urge." The Lords of the Committee of Council on Education referred this memorial to Professor Stokes, Professor Balfour Stewart, and General Strachey for their opinion as to whether a commencement might not be made to give effect to the proposals of the memorialists by utilizing the chemical and physical laboratories at South Kensington, and the detachment of Royal Engineers stationed there. The terms of the reference are given in Lord Sandon's letter of 13th August 1877, printed in a Parliamentary paper as a return to an address of the House of Commons moved by Lord Lindsay, M.P., on March 20th, 1879. One sentence from it runs thus:—"Although we are not at " present in a position to consider the establishment of a Physical " Observatory on a comprehensive scale we believe that some " advantage can be gained if a new class of observations can be " made with the means at command, since the best method of " conducting a physical observatory may thus be worked out " experimentally, and an outlay eventually avoided, which, with- " out such experience, might have been considered necessary." Lord Sandon in his letter suggested that the Astronomer Royal should be consulted on the subject, and he stated that, "We " propose to ask General Strachey to act with you, especially " with a view to advising us as to how far any arrangements " made at South Kensington may be worked with or form part " of the system of observations which, we are informed, are in " contemplation for India." At that particular time the Indian Government on the suggestion of Mr. Lockyer, in the hope that this co-operation might be secured, had made arrangements for having daily photographs of the sun taken at Dehra-Dun, by Mr Meins, who, while he was a sapper in the Royal Engineers, had been trained by Mr. Lockyer. The Committee above referred to reported at the end of 1877, and they stated what, in their opinion, might be done at once and without entailing any serious cost. This report also is given in the Parliamentary paper, to which allusion has already been made.

Special Committee appointed.

Lord Sandon's letter of 1877.

India.

Recommendations of Committee.

In November 1878, the Duke of Devonshire, as Chairman of the Royal Commission on Scientific Instruction and the Advancement of Science, wrote to the Lord President again calling attention to the subject, and urging that the Report of this Committee should be acted upon. In 1879 a sum of 500*l*. was taken in the estimates for the expenses of the Committee on Solar Physics, and the present Committee was formed to make trial of methods of observation, to collect observed results, to find out what is being done in foreign countries, to collect as far as possible and bring together all existing information on the subject, and finally to reduce the Indian observations which have been made since the time when Mr. Meins was sent to India. The Committee made a preliminary report in 1880 which was presented to both Houses of Parliament, and has been published.

Representation by Duke of Devonshire.

First Parliamentary Grant.

Report of 1880.

Annual Vote. Since that time 500*l.* has been annually voted by Parliament to defray the expenses of the Committee.

Report of 1882. In 1882 the Committee made a Report which was presented to both Houses of Parliament. This Report after some general preliminary observations gives a résumé of the state of our knowledge of Solar Phenomena, at the time of the appointment of the Committee in 1879, and of the connexion between such phenomena and the magnetism of the earth as well as between Terrestrial Meteorology and Solar Phenomena. It then gives an account of the work of the Committee including correspondence with the Indian Government and Solar observers, sun pictures, actinometry, earth thermometers, photoheliographs, sun spot catalogue and measurements, heights of rivers, Eclipse of May 1882, Lectures at South Kensington, and research work bearing upon Solar Phenomena and its connexion with Terrestrial Phenomena and the work published. The Report also gives the conclusions at which the Committee had arrived, with a Summary of Recommendations and a number of Appendices.

Connexion of Solar and Terrestrial Phenomena.

Present action of Committee. The Committee has been or is now at work on:—

(*a.*) The organization of similar observations of the sun at various parts of the earth's surface.

Photographs. (*b.*) The organization of a system of daily photographs at various observatories, including Greenwich, on a larger scale than that hitherto attempted.

Solar spots. (*c.*) The collection and discussion of the earliest observations of solar spots since the employment of photography

Actinometric observations. (*d.*) The introduction of actinometric observations at great heights, and the discussion of the best means both of making and recording such observations.

Spectroscopic observations. (*e.*) The spectroscopic observation of solar spots with reference to the chief lines widened in each.

(*f.*) Discussion of the observations of sun spot spectra with reference to the changes of temperature in each spot which has been observed several times. Special photographs of long and short lines are being taken for this work.

Laboratory experiments. (*g.*) Laboratory experiments in connexion with the observations made on the sun since the introduction of the new method.

Photographic reduction of solar spots. (*h.*) Discussion of photographic reductions of solar spots with reference to proper motions.

Motions in solar spots. (*i.*) The study of the Indian photographs of the sun on a large scale with reference to the motions in spots, and the general surface of the sun.

Eclipse observations. (*k.*) The organization of eclipse observations and the discussion of the records obtained by them.

Spectra of Meteorites. (*l.*) Observations and photographs of the spectra of meteorites at various temperatures.

(*m.*) Comparison of the spectra of meteorites, singly and composite, with the solar spectrum.

Spectra of stars, nebulæ, and comets. (*n.*) Observations and discussions of the spectra of stars, nebulæ, and comets, for the purpose of ascertaining the sun's true place amongst them.

(*o.*) Comparison photographs of sun and arc spectra, from ultra-violet to infra-red. Sun and arc spectra.

(*p.*) New large scale maps of arc spectra, Rowland's photographic map of the solar spectrum being taken as the standard. A new series of photographs have been taken in which the various substances were volatilized between silver poles, in order to facilitate the elimination of lines due to impurities. The adoption of this method has led to the discovery of a large number of lines not previously recorded.

(*q.*) New map of the spectrum of iron and other metals of the iron group, from photographic comparisons. Map of spectrum of iron.

(*r.*) Photographs of the spectra of stars, with special reference to those about the same mean temperature as the sun. Photographs of spectra of stars.

(*s.*) Photographs of the spectra of variable and new stars.

(*t.*) Photographs of sun-spot spectra.

(*u.*) Twin photographs of the sun in light of two wave-lengths.

(*v.*) Investigations of the spectra of gases obtained by the distillation of minerals, and their relation to the spectra of the sun and other heavenly bodies.

In 1885 the constitution of the Solar Physics Committee was changed, its duties in the future being those of supervision and consultation rather than of initiation. At the same time Mr. Norman Lockyer was charged with carrying out the work which the Committee had initiated, as far as possible upon the lines indicated in their report. Reports of his subsequent work will be found at p. 343 of the 38th Report of the Department of Science and Art (C. 6393, '91), at p. 338 of the 41st Report (C. 7337, '94), and at page 348 of the 42nd Report (C. 7693, '95). Change of constitution of Committee in 1885. Prof. Lockyer's Reports.

SCIENTIFIC RESEARCH.

Grants for Research were first made through the Department of Science and Art in the year 1876–77, and the correspondence which led up to them is printed at page 7 of the 24th Report of the Department of Science and Art. In accordance with detailed recommendations made by the Royal Society and submitted to the Treasury for approval by the Lords of the Committee of Council on Education, a sum of 4,000*l.* was annually allotted in amounts varying from 50*l.* to 300*l.* to persons engaged in original scientific research. These grants were in some cases personal and in others for the payment of assistants and for the provision of apparatus. The grants were originally made experimentally for five years, and at the end of the financial year 1881–82 the question of their renewal formed the subject of some correspondence with the Treasury. This is given at p. 43 of the 29th Report of the Department. The Treasury then decided that the total should be reduced and be made in future directly to the Royal Society, the Department of Science and Art being no longer responsible for its administration. Grants. Royal Society's recommendations. Grants administered through Royal Society.

GEOLOGICAL SURVEY.

Origin.

The Geological Survey of Great Britain was commenced in 1832 by Mr. (afterwards Sir Henry) De la Beche in connection with the Trigonometrical Survey under the Board of Ordnance. In 1845 it was transferred to the Office of Works, in which year also the Geological Survey of Ireland was begun under Captain (afterwards Sir Henry) James, R.E. In 1853 the Geological Survey of the United Kingdom was placed under the direction of the Department of Science and Art. In that year, also, a Treasury Committee of Inquiry into Public Offices, reporting on the Department of Science and Art, recommended certain alterations in the salaries of the Staff of the Geological Survey and in its organization. In 1867 the Geological Survey of Scotland (which was begun in 1854) was placed, as a separate branch, under the direction of Professor (now Sir Archibald) Geikie; that of England and Wales remaining under Professor (afterwards Sir) Andrew C. Ramsay, and that of Ireland under Professor J. B. Jukes. With the sanction of the Treasury the Staff of the Survey was reorganized and considerably augmented in January 1867. On the death of Sir R. Murchison in 1872 Professor Ramsay was appointed Director-General, and on his retirement in 1881 Sir Archibald Geikie succeeded him.

(Margin notes: Transfer to Office of Works. Transfer to Department. Science and Art. Treasury Inquiry. Scottish Branch. Reorganization. Director-General.)

Arrangement of work.

The Geological Survey Map on the scale of one inch to a mile, comprising the solid geology of England and Wales, was completed at the end of 1883. Its completion necessitated a rearrangement of the future work of the Survey, which is divisible into the following sections:—

1. The indoor-work, connected with sheets of the one-inch map, that have recently been finished viz:—(a) preparation of the maps for the engraver, (b) plotting of lines of horizontal sections and construction of vertical sections, (c) writing explanations and memoirs.

2. The field-work connected with lines of horizontal sections, which have been deferred until after the completion of the one-inch map, and the preparation of these for the engraver.

3. The resumption of the drift survey to complete the general Agricultural-Geological Map of the country.

4. The resumption of the interrupted re-survey of the coal and other mineral districts, the published maps of which having been prepared in the early years of the survey, are now so imperfect as to be of practically little value. The re-survey of the important coal-field of South Wales was begun in the summer of 1891; and subsequently the re-surveys of the North Staffordshire and Leicestershire coal-fields have been commenced.

5. The preparation of explanations for those sheets or quarter sheets of which none have yet been published.

6. The preparation of full stratigraphical memoirs illustrating the various geological formations and industrial resources of the whole country, and embodying the final results of the Geological

Survey of the United Kingdom. The first six volumes of this series have now been published.

7. The giving of information to the public concerning water-supply, drainage, mineral fields, sites for houses, the occurrence, extent, and quality of various economic products; and generally affording advice and assistance in questions involving geological knowledge.

Survey of Scotland.

The completion of the one-inch map of the solid geology of England and Wales, and, more recently, that of Ireland, allowed a considerable increase to be made to the staff of field geologists in Scotland by the transference of such surveyors as were available for the mountainous ground in the north. The survey of Scotland is accordingly now making greater progress than was previously possible. The whole of the southern half of the country has been surveyed, and the mapping of the Highlands is considerably advanced. Much attention has recently been given to the Collections made by the Survey to illustrate the geology of Scotland. A large series of specimens of rocks and fossils has now been displayed in the Edinburgh Museum of Science and Art, and these are accompanied with maps on which the several localities of the specimens are marked with index numbers.

Survey of Ireland.

The mapping required for the Geological Survey Map of Ireland was completed during 1887. The maps and memoirs are now all published, and the remaining horizontal sections are in course of publication. A careful revision of the maps is now in progress, and advantage is being taken of the space now afforded by the new Museum in Dublin to collect and arrange a thoroughly illustrative series of Irish rocks and fossils with maps, diagrams, photographs, and other illustrations. A Guide to these Collections has lately been published.

THE MUSEUM OF PRACTICAL GEOLOGY.

Origin of Museum.

This Museum originated from a representation submitted, in July 1835, by Sir Henry De la Beche to the Chancellor of the Exchequer. The approval of the Government having been obtained, Sir Henry was authorised to proceed in the development of his idea.

Transfer to Jermyn Street.

In 1837, Lord Duncannon, Chief Commissioner of Woods and Forests, allotted apartments in No. 6, Craig's Court, to receive the Museum of Economic Geology, as it was first named. It was transferred to a building specially erected for it in Jermyn Street, and opened to the public in May 1851.

Objects of Museum.

The Museum was designed to illustrate the Geology of Great Britain and Ireland, and to show the practical application of Geological Science. Thus, besides the strictly Geological Collections, it contains specimens illustrative of the ores of the useful metals, of their mode of occurrence, and of the methods

Contents.

consent of the Director of the Museum. That the right of free admission for members of Senatus and students in the Natural History Professor's classes should be reserved—this privilege was subsequently extended to all matriculated students of the University. That the public should be admitted free on certain days—this free admission commenced on 8th October 1855. That the Senatus should be exempted from any liability for maintenance. That the Professor of Natural History (who was then also the Regius Keeper of the Museum of Natural History) should continue in charge of the Natural History specimens, subject to future rules. And that he should be directly responsible to the Science and Art Department as respects the Natural History Collections.

Buildings.

The buildings on the site of the intended Museum were transferred to the Board of Trade at the close of the summer of 1855; the contract for the erection of the first portion of the structure, designed by the late Captain Fowke, R.E., was signed in 1861, and the foundation stone was laid by His Royal Highness the Prince Consort on 23rd October 1861. On the completion of the first portion of the building the Natural History Collections were removed from the University. On 19th May 1866 the Museum was opened by His Royal Highness the Duke of Edinburgh. The second portion of the permanent building was completed in 1874, and opened to the public on the 14th January 1875. The remaining portion, forming the west wing of the building, was completed in 1888. The several collections allotted to it were opened to the public in succession as the necessary fittings were completed, the last section, that, namely, of Scottish Geology and Mineralogy, being opened on the 14th October 1890.

Opening of New Museum.

Officers.

Professor George Wilson was appointed Director of the Industrial Museum of Scotland in February 1855. Professor George J. Allman entered on his duties as Keeper of the Natural History Museum in October 1855.

In 1859 Professor Wilson died, and was succeeded (May 1860) by Professor Archer, who was styled Superintendent of the Industrial Museum.

Professor Allman resigned his position in 1870, and Professor (afterwards Sir Wyville) Thomson was appointed in his place. But after a time it was found that the position of the Regius Keeper was anomalous and led to difficulties. As Professor of Natural History he was responsible to the University, and as Keeper of the Museum responsible to the Science and Art Department. In 1872 a committee consisting of Mr. J. D. Hooker, C.B., M.D., F.R.S., Mr G. Busk, F.R.S., and Major Donnelly, R.E., was appointed to consider what steps should be taken to place the administration of the Museum upon a satisfactory footing, and in accordance with the report made it was determined to sever the Professorship of Natural History to the University from the Keepership of the Natural History Museum. In the

Reorganization.

following year Dr. Traquair was appointed Keeper of the Natural History Collections.

The name of the Museum was changed in 1864 to that of the Science and Art Museum, and in 1866 (in accordance with the recommendations of a Treasury Commission) Professor Archer's title was altered to that of Director of the Museum. On his death in 1885 Colonel Murdoch Smith, R.E. (now Major-General Sir Robert Murdoch Smith, K.C.M.G.), was appointed Director. Change of designation.

The Director of the Museum is its permanent official head, responsible for its general administration, and the channel of communication with the Department of Science and Art. It is incumbent on him, however, to refer all scientific questions connected with the Natural History Department to the Keeper. Duties of Director.

The formation of the Natural History Collections has been indicated above. The Industrial Collections consisted in the first instance of specimens of raw and manufactured materials given by the Royal Commissioners of the Exhibition of 1851, a Collection of Models presented by the Highland and Agricultural Society of Scotland, and of specimens contributed by manufacturers in different parts of the country. Additions to these were made in subsequent years both by gift and by purchases with the Parliamentary Grant; and from the year 1864, whilst largely maintaining its special Technological character, the Museum has become a general Museum of Science and Art. A Library was commenced in 1857, which, in addition to many valuable works on Art and Science, includes a complete collection of specifications of patents and the maps of the Ordnance Survey. It is accommodated in the west wing (the most recent portion of the building), and was opened to the public as a Reference Library on the 1st of July 1890. Technological Collections.

The Museum is open on Mondays, Tuesdays, and Thursdays from 10 till 4 on payment of 6*d*. each visitor; and free on Wednesdays from 10 till 4, and Fridays and Saturdays from 10 till 4 and 6 till 10.

DUBLIN SCIENCE AND ART MUSEUM, NATIONAL LIBRARY OF IRELAND, DUBLIN METROPOLITAN SCHOOL OF ART, AND ROYAL BOTANIC GARDENS.

In order to make the present position of the Science and Art Museum in Dublin clear, it is necessary to trace briefly the history of the Royal Dublin Society and of the Museum of Irish Industry. Royal Dublin Society and Museum of Irish Industry.

The Royal Dublin Society had its origin in a private association formed in 1731, for improving husbandry, manufactures, and other useful arts and sciences. The association was incorporated in 1749, and by successive acts of the Irish Parliament it was entrusted with the formation and management of Drawing Origin of Royal Dublin Society.

Schools, a Botanic Garden, and a Museum of Natural History, Professorships of Botany, Chemistry, Mineralogy, and Natural Philosophy were established; and a library for the use of teachers and students was formed, which eventually became a general library. A Committee of the House of Commons reported on the Society in 1836.

Committee of House of Commons, 1836.

Museum of Irish Industry and Government School of Science.

In 1845 it was determined to create in Ireland an institution similar to the Museum of Practical Geology in London. A house was taken for it in St. Stephen's Green in 1847, and the necessary alterations and additions were completed in 1852. Its original object had, however, already in 1847 been extended, on the recommendation of its first Director, Sir R. Kane; and under the name of "Museum of Irish Industry and Government School "of Science applied to Mining and the Arts," it embraced the whole range of the Industrial Arts. In 1853 it was transferred from the Office of Woods and Forests to the then recently created Department of Science and Art. Several professorships were established in connexion with it, and in 1854 a Minute was passed defining the limits of the Royal Dublin Society, and the Museum of Irish Industry and School of Science applied to Mining and the Arts, respectively, as to collections; and relieving the former of the superintendence of its educational staff.

Minute of 1854.

In consequence of the strong opposition of the Royal Dublin Society the arrangements proposed by this Minute were considerably modified. The Government did not recede from their determination to maintain the Museum of Irish Industry as a separate institution, and not to support a double staff of professors. But to meet the wishes of the Royal Dublin Society, who strongly objected to part entirely with their educational staff, Mr. Cardwell, the then President of the Board of Trade, consented to create a committee, called the Committee of Lectures, who were entrusted with the general arrangement of the lectures which were common to both institutions, and were given partly in the lecture theatre of the Dublin Society, and partly in that of the Museum of Irish Industry. They were also given charge of the Provincial lectures. The Committee consisted of four gentlemen elected by the society and four nominated by the Government. The regular or systematic courses, as they were called, which were given in the Museum of Irish Industry were not under this Committee.

Committee of Lectures.

Minute of 1865.

This complicated system remained in operation till 1865, when the Lords of the Committee of Council on Education passed a Minute, of which the following extract will show the arrangements then made:—

"*Scientific Institutions and Instruction in Dublin.*

"(*a.*) My Lords take into consideration the Report of the Select Committee of the House of Commons on Scientific Institutions in Dublin, 1864, the Report of the Treasury Commission of 1862,* and the correspondence and various documents, &c. on the subject.

* This consisted of Lord Justice Blackburn, Sir R. Griffiths, Sir C. E. Trevelyan, and Captain Donnelly, R.E.

"(*b.*) The Vice-President stated the result of the investigations he had recently made on the spot into the several institutions in Dublin.

"(*c.*) The Report of the Treasury Commission of 1862 recommended the abolition of the Museum of Irish Industry, and the concentration of all its collections under the charge of the Royal Dublin Society, except that of the Geological Survey, which was to remain under its own officers. The Society was also to be intrusted with direct scientific instruction in certain subjects by means of public lectures, which the Commission considered it advisable should be continued in Ireland as supplementary to the ordinary instruction in Science provided for by the Science schools and classes of the Science and Art Department, and applicable as well to Ireland as to other parts of the United Kingdom.

Recommendations of Commission of 1862.

"(*d.*) The Select Committee of the House of Commons of 1864, on the other hand, recommended the retention of the Museum of Irish Industry as a separate institution, and a redistribution of duties between it and the Royal Dublin Society, and stated it as their opinion that the technical and scientific instruction given in Dublin at the expense of the State should not be entrusted to a body of private gentlemen like the Royal Dublin Society, but rather to a public scientific institution as in London, under a proper system of responsibility, with examinations and prizes or certificates of competency. They recommended that the Royal Dublin Society should be confined to the arrangement proposed in 1854, and altogether relieved of its educational functions, so called, pointing out that 'much of the substance of their resolutions may be found represented in a memorandum submitted by Mr. Cole to the 'Science and Art Department in January 1854.' This memorandum suggested that the promotion of direct instruction should be confided to a College of Science proposed to be founded on the Museum of Irish Industry, and that the Royal Dublin Society should take charge of those institutions which partook of the nature of public exhibitions, such as the Botanic Gardens, the Zoological Museum, &c.

Committee of House of Commons, 1864.

"(*e.*) The Select Committee of 1864, however, while thus broadly indicating the division which should exist between the functions of these two departments modified in several respects the application of the general principle, and proposed that the Royal Dublin Society should still remain charged with educational functions in respect of agriculture. Their report also recommended the establishment of a veterinary school, on the grounds that 'a veterinary 'school and an agricultural chemist are legitimate adjuncts to a society 'originally formed for the encouragement of agriculture and the improvement 'of land, and containing so large a body of country gentlemen perfectly 'capable of forming a judgment in veterinary matters and the application of 'agricultural chemistry.'

"(*f.*) My Lords are prepared to adopt the general principle of the recommendations of the Select Committee, subject to the approval by Parliament and the Lords Commissioners of Her Majesty's Treasury of the increased expenditure which will be necessary for efficiently carrying out the same. They are of opinion that it is unadvisable to make any modification of the broad principle laid down by the Select Committee, and that a clear line of demarcation between the functions of the Museum of Irish Industry and the Royal Dublin Society should be strictly maintained so as to avoid future complications. They therefore determine that the grant of public funds shall in future be afforded in Dublin—(I.), to instruction in science applied to industry as one public object administered wholly by one authority; and (II.), to the exhibition of scientific collections as a second public object to be administered by another distinct authority.

Decision of the Government.

"(*g.*) The other several objects such as a Veterinary College, although they may be fit objects for a private society, such as the Royal Dublin Society, do not appear to be of a character which ought to be maintained out of the general taxation, and are not such as my Lords are prepared to recommend for Parliamentary aid. They see that this contingency has been met by the Select Committee, who suggest in their report, 'that a portion of the private 'contributions of the Society may be applied to the maintenance of this 'department,' namely, the veterinary school.

"Royal Dublin Society.

"(*h.*) My Lords propose that the following departments of the Royal Dublin Society shall be wholly supported by public funds, like the corresponding public institutions in London, the Society acting as trustees and being responsible for their administration :—

"The Museum of Natural History, including Mineralogy.

"The Botanic Gardens and Museum at Glasnevin.

"The Library of the Royal Dublin Society.

"Leinster Lawn, which should be made a public ornamental garden, instead of remaining, as at present, a waste space between the National Gallery and the Museum of Natural History.

"The whole of the premises of the Royal Dublin Society, and the necessary staff of the Society for conducting the business involved in the above-mentioned objects.

"(*i.*) The theoretical limitation of the amount of public funds to 5,500*l.* annually should be abolished, and the annual grants necessary for keeping the above departments in efficiency considered on merits and submitted to Parliament every year.

"(*j.*) The Royal Dublin Society would thus be relieved of all restrictions on its action in the application—in accordance with the charter and objects of the Society—of the subscriptions of its members and any other private funds, and not be subject to the Audit Office in respect of such private funds. The Society would be thus free to encourage any objects it has at heart, even those of direct instruction, without asking for the sanction of the Science and Art Department, as is necessary under the present arrangement.

"Museum of Irish Industry.

Recommendation of Committee of House of Commons.

"(*k.*) Turning now to the Museum of Irish Industry, my Lords find that the Select Committee recommended one of two courses, either that the Museum of Irish Industry should have at least the same scope given to it as the Museum in Jermyn Street, and be placed on the same footing as a School of Mines as regards its collections, professors, and lectures, or that those lectures and collections might be extended to the illustration of such other industrial objects as may be sanctioned by the Government. While suggesting, however, that the scope of the Museum should be thus widened, and quoting approvingly the before-mentioned memorandum of Mr. Cole's to that effect, the Committee decline to give any decided opinion on the ground of its being too wide a subject to be dealt with by them, leaving it thus an open question for the consideration of Her Majesty's Government.

"(*l.*) It would appear that the one School of Mines already existing in Jermyn Street is not largely attended, and is amply sufficient for the wants of the whole United Kingdom, and there probably would not be sufficient attendance to justify the establishment in Ireland of a second school with a large staff, for this object alone, as the few special mining pupils from that country might easily join the school in London.

Creation of College of Science.

"(*m.*) My Lords consider that for these and other reasons the Museum of Irish Industry should have a wider scope given to it than that of a School of Mines; that it should become a College for affording a complete and thorough course of instruction in those branches of Science which are more immediately connected with and applied to all descriptions of industry, including Agriculture, Mining, and Manufactures; that it should in this way supplement the elementary scientific instruction already provided for by the Science Schools of the Department; and that it should assist in the training of teachers for these schools.

"(*n.*) The Museum of the College of Science should be entirely subordinate to and contain only such collections as are essential to the instruction in the College, but should still remain the depository for the Collections of the Geological Survey. It is advisable, therefore, that the Museum should hand over to the Royal Dublin Society its Portlock Collection of Birds and Fishes, and receive from the Royal Dublin Society its collection of Physical instruments and apparatus.

"(*o.*) This arrangement, embodying the spirit of the recommendations of the Select Committee as respects both the Royal Dublin Society and the Museum of Irish Industry, my Lords believe to be based upon a broad, clear, and intelligible principle of action, they trust that it will remove the present causes of controversy, and commend itself to the judgment of Parliament."

The Museum of Natural History, the Botanic Gardens, and the Library, thus became public establishments wholly supported by public funds. The Institution in St. Stephen's Green ceased to be developed as a Museum or to bear the name of "Museum of Irish Industry," and its "School of Science applied to Mining and the Arts," was converted into the "Royal College of Science." (*See* Royal College of Science, p. xcii.) Result.

The Collections of the Museum of Irish Industry, except those which are required for teaching purposes, and those of the Geological Survey have now been transferred to the new Science and Art Museum.

Charter of Royal Dublin Society.

The Treasury Commission of 1862 considered that the constitution of the Royal Dublin Society, as a body to be entrusted with the disbursement of public money, was faulty, in as much as full powers were not vested in the council to act on behalf of the Society, but that its decisions were liable at any time to be reversed by a vote of a General Meeting. It therefore recommended that the Society should obtain a new charter conferring the necessary powers on the council. The imposition of this condition was concurred in by the House of Commons Committee in 1864; and a new charter was obtained in January 1866, by which full authority to act on behalf of the Society was delegated to the council. New Charter, 1866.

Society responsible as Trustees.

The society were responsible as trustees for the administration of the Museum of Natural History, the Botanic Gardens, and the Library, the funds for the support of which were entirely supplied by the State. The council appointed the curators and other officers, and supervised the management by means of standing committees.

Employment of private funds.

Out of its own funds, which amounted to about 1,100*l.* or 1,200*l.* a year, the society supported the Agricultural Museum and held Agricultural shows. All the buildings of the Royal Dublin Society, including the Agricultural Hall and Museum and exhibiting yard, were maintained by public funds. The officers of the society, with the exception of those belonging to the Agricultural Department, were also paid by Government

The society had a reading room, with newspapers, periodicals, &c., for its members, who had also the privilege of borrowing books from the library. It held seven or eight meetings annually for reading papers on scientific and other subjects. The transactions of the society were published at the expense of the State.

Dublin Metropolitan School of Art.

The Royal Dublin Society also superintended the School of Art. This School of Art was in the same position as any other School of Art in the kingdom, except that the house and repairs, &c., were provided at public expense. The Royal Dublin Society acted in the same way as the Committee of a local School of Art,

and made certain payments to the school out of its private funds. These payments amounted to about 100*l.* a year. The State payments provided for the rest of its maintenance.*

Commission, 1868.

In 1868 the Government having decided to constitute a separate Department of Science and Art for Ireland analogous in its constitution to the existing Science and Art Department in London for the United Kingdom, appointed a Commission to report on the best means for carrying out this project. The Commission consisted of the Marquis of Kildare, the Very Rev. C. W. Russell, D.D., the Rev. Samuel Haughton, M.D., F.R.S., G. A. Hamilton, Esq., Professor Huxley, F.R.S., Colonel Laffan, R.E., Professor Wyville Thomson, LL.D., and Captain Donnelly, R.E., who also acted as Secretary.

Application for fresh instructions.

The report states that—"After giving to the subject our most " careful consideration it seemed to us that the creation of an " entirely independent Department of Science and Art for Ireland, " would involve the severance of the Science and Art Schools of " that country from those of England and Scotland; and would " thereby deprive the students of the Irish Schools of the great " advantage of Imperial competition, and so tend to restrict their " prospects to the comparatively narrow field afforded by their " own country which would undoubtedly be a disadvantage " . . . . Feeling therefore that the creation of a " separate Department of Science and Art for Ireland would be " detrimental to the interests of Science and Art in that country, " . . . . . we were obliged to apply for fresh instructions."

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* From a Return made by Mr. Herbert Murray, the Treasury Remembrancer in Ireland, in 1876 for the purpose of showing the amounts which had been contributed by the State and the Royal Dublin Society respectively, see 26th Report of the Science and Art Department, page 14, it appears that the—

	£	s.	d.	£	s.	d.
Public grants from 1801 to 1835 inclusive, as per Appendix to Report of 1836.				293,705	0	0
Public grants between 1836 and 1853–4 inclusive, as per books of Society.				111,137	0	0
Public grants between 1854–5 and 1876–7 inclusive, Science and Art Vote.	185,797	0	0			
Board of Works' Vote - - -	36,417	0	0			
				222,214	0	0
				627,056	0	0
The private "subscriptions," or fees on admission, have produced—						
From 1801 to 1834 inclusive - - - -				20,379	0	0
" 1835 to 1875 " - - - -				42,338	0	0
				62,717	0	0
Add special subscriptions:—						
Erection of Museum - - - -	713	0	0			
Agricultural Hall - - - -	2,111	0	0			
Shedding to Shelbourne Hall - -	346	0	0			
	3,170	0	0	say 4,000	0	0
				£66,717	0	0

The Commission were informed that they were not precluded from considering the question of having, or not having, a separate Department for Ireland.

The following extracts from the general résumé of the Report will show the nature of these conclusions and the reasons for them :— Résumé of Report.

"On comparing the institutions which exist in Ireland with those of England and Scotland, it will be seen that the former country is deficient in an industrial museum. Some branches of such a museum already exist. There are the technological collections of the Museum of Irish Industry still retained in the College of Science, and there are the collections of the Royal Irish Academy. By the addition of specimens of decorative art, casts, &c., and examples of modern manufactures, a valuable industrial museum might be formed. Existing Collections.

"It will be seen that of Science Schools and classes Ireland has established fully its fair proportion, if not more, and has won a correspondingly large share of the grants which are given as payments on results. It has been equally successful in obtaining the highest honours in the annual examinations . . . . Science Schools.

"On the other hand, Art Schools have not been so widely established, and one or two that were founded have died away. Where they have been maintained they have been as successful as the English. Why art schools have not been as rapidly developed in Ireland as Science Schools is readily accounted for. Science classes can be taught almost anywhere, and under the stimulus of a personal payment a competent teacher with little aid beyond his own energy manages to get them up. They may be small, but the teacher often has other occupation, and, at first at all events, he may devote but a portion of his time to them, and not look to them alone for support. An Art School needs a special building, or at least special rooms. It requires more apparatus, and as it has mainly to support a specially trained teacher, who can readily find a more or less remunerative employment for his abilities in other ways, it involves a larger outlay of capital to commence with. An Art School, therefore, requires a much greater combined effort on the part of the locality to establish it. Art Schools.

"Then again, as was pointed out by one of the art masters, an art school even when established has great difficulties to contend with in Ireland. There are but few manufactures in Ireland. There is scarcely any opportunity for an artizan to turn his acquired powers of drawing or designing to account. It is therefore very difficult to persuade him to learn. It is to this probably that the fewness of night classes—the second grade as it were of art schools, and requiring but little outlay in establishment—is due. This is a matter in which governmental action can avail but little. The normal lace school in Dublin affords a good illustration of this. The school which received State grants was very successful in the instruction of designers, &c., but notwithstanding the efforts of many philanthropic persons who interested themselves in the matter no market could be found, and the school was closed. The creation of industries must be a matter of time, even if the resources of the country admit of their ever been maintained. And the advantages of drawing as part of education are not yet fully appreciated. Paucity of Manufactures in Ireland.

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"The less outlet there is for talent in Ireland the greater, in our opinion, is the reason for retaining the present Imperial system, by which students throughout the kingdom are examined together. It affords an Imperial competition; success in it—and we see that Irish students are successful—not only carries far greater weight and prestige than in any simply Irish competition, but it opens to the successful student a far wider field. What, for instance, supposing there were a training school for art teachers in Dublin, would become of the teachers trained there? A promising student now comes to London, and we have it on record that many of them afterwards find employment in England and Scotland. Under no circumstances could Dublin afford the same means of Education for an art master as London. And would any English or Scotch school take a teacher from the training school in Dublin in preference Necessity for outlet for Students.

to one from the school in London? Or would manufacturers be likely to go there for designers.

Memorial of students against separation.

"That this is strongly felt by the Irish students themselves is evident, from the memorial which was sent to the Treasury signed by 245 students in the Dublin School, when the scheme of a separate department was first mooted by the promoters of the Royal Irish Institute. To students who are supported by the State there cannot be much difference as to convenience between residence in London and in Dublin, their expenses of transit being paid. As to which place they would prefer for its advantages in completing an art education, there can be but little doubt.

Difficulty of limited separation.

"The idea of having a separate department whilst retaining a general competition, which, but that it has been urged by some of the witnesses, it would not be necessary to notice, is equally illusory. But little acquaintance with competitions and examinations is necessary to know that the subjects for competition must be clearly defined, and that to secure success the instruction must be organised especially with this aim. Unless the course of instruction pursued in Ireland was within certain limits precisely the same as that pursued in England and Scotland, the Irish students would not meet their competitors on equal terms and would have no chance of success.

"Unless a different course of instruction be established for Ireland—and there is nothing to show the necessity for it—there can be no use in having a separate department. A double examination for Irish students would only be an unnecessary tax on them and on the State.

"The utmost freedom is now allowed in the method of instruction, in fact there is no control in this nor in the especial bias which it shall receive. The only limit is that which is imposed on the teachers by the necessarily definite subjects of competition.

Royal College of Science.

"In the Royal College of Science, Ireland possesses an institution which, in the number of its professorships and general course of study, is more complete as a pure school of science than anything of the kind existing in Scotland or England.

Lord Dufferin's address.

"We cannot close our remarks on this subject without adverting to an able address delivered by Lord Dufferin, in distributing the prizes to the Science school at Dundalk, during our sittings in Dublin. His Lordship called attention to the fact that one of the students of the school obtained the highest honours in a subject in competition with no fewer than 1,390 candidates from all parts of the kingdom, and many others had done remarkably well. It is obvious that the distinction acquired by these pupils would have been of a far lower order if the competition had been restricted to Ireland.

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Religious and political differences avoided.

"In conclusion we may say that the opinions of many of us on the question of a separate department have not been uninfluenced by the consideration, that so long as the instruction in Science and in Art in Ireland forms part of a great system spreading over the whole kingdom, it will probably continue, as it has commenced, unhampered by the political and sectarian differences which unhappily too readily obtain on all questions of education at the present time.

"We will now proceed to submit the conclusions at which, after the fullest consideration, we have unanimously arrived on the various points of our inquiry.

"We regret our inability to carry out the Minute of the 22nd May in its literal integrity, by framing a plan for the formation of a separate Department of Science and Art for Ireland analogous in its constitution to the existing Science and Art Department in London; as a mature consideration has convinced us that the formation of a separate department for Ireland would be detrimental to the interests of Science and Art in that country. We are of opinion, however, that all the advantages for Ireland proposed in that Minute may be practically secured by the arrangements indicated in the following recommendations:—

Recommendations.

Science and Art Museum.

"(a.) That in order to afford advantages and facilities to students, artizans, and others in Dublin, in some respects similar to those which are yielded by the South Kensington Museum in London, and in other respects, to those afforded by the Science and Art Museum in Edinburgh, it is very desirable that there should be a General Industrial

and Fine Arts Museum in Dublin. The people of Ireland would thus obtain the fullest opportunity of improvement in the cultivation of the Industrial and Decorative Arts by the study of approved models and objects.

"(*b.*) That this Museum should be purely a State establishment under a Director responsible to the Lord President, or other Minister in charge of education. A State Establishment.

"(*c.*) That the Director of the Science and Art Museum should be in immediate relation, not only with the Minister of Education, but also with the Irish Government, and it should be his duty to place himself in communication with the representatives of the various industrial interests of the country, with a view to the development of its resources. Director.

"(*d.*) That all votes for museums and educational establishments in Ireland should be taken on the responsibility of the Lord President of the Council, or other Minister in charge of education directly responsible to Parliament. Votes.

"(*e.*) That with a view of completing the establishment of a central institution in Dublin, corresponding as far as possible with the South Kensington Museum and educational establishments in connexion therewith in London, we recommend that the Royal Dublin Society be invited to allow their School of Art to be made a purely State school, placed under the control of the Director of the Science and Art Museum, thus relieving the Society of what is now a drain upon its funds. School of Art, Dublin.

"(*f.*) That seeing, however, the small number of Art Schools now existing in Ireland and the superior opportunities which the Arts Collections in London, must at all times present to advanced students, we do not think it expedient at the present time to recommend the establishment of a training school in Dublin. Not to be a Training School.

"(*g.*) That the present system of Science and Art schools offers to the Irish student a full share of the highest rewards and advantages given by the State, and of the distinction due to success in a competition open to students throughout the Empire, but that it is desirable to consider how far the impediments arising out of the circumstances of the country, and the condition of a large portion of the population, may be diminished. Difficulties.

"(*h.*) That a concentration on one site of several of the institutions mentioned in the Minute is feasible and very desirable, and that it may be carried out without prejudice to the independent rights of the societies concerned. Concentration of Institutions.

"(*i.*) That the ground now held by the Royal Dublin Society, with some additional land adjoining their premises, which could easily and with advantage be purchased, affords sufficient space for the concentration of all the institutions which we think it desirable to bring together. From a full consideration of the various sites that are available in Dublin, we are of opinion that this would afford the greatest facility for carrying out the object proposed by the Minute of the 22nd May,—of combining or bring into harmonious action the existing societies receiving State grants for Science and Art—consistently with the convenience and the views of the bodies. If the Royal Irish Academy be removed to this site all the institutions referred to in the Minute of the 22nd May, that can with advantage be concentrated, will be placed in immediate contiguity, and in a central and most convenient locality; and the result will be a great central group of institutions—a Science and Art Museum, a Public Library, a Museum of Natural History, a Museum of Irish Antiquities, a National Gallery, and a School of Art. Several plans have been suggested, which will be found in the Appendix. Site.

"(*j.*) That it is desirable to remove the Library of the Royal Dublin Society to more commodious premises, and to supply it with such funds and administration as may be required to develop it into a National Library. The present Natural History Museum, which is not well adapted to its object, would, with slight alteration, be converted into Library.

a spacious and commodious Library and Reading Room. The rooms now occupied by the Library might be appropriated to the use of other scientific societies, reserving the rights of the Royal Dublin Society.

Natural History Museum.

"(*k.*) That the Natural History Museum of the Royal Dublin Society should be removed to a properly constructed building, and supplied with such funds and administration as may be required to develop it into a National Museum of Natural History.

Botanical Museum.

"(*l.*) It has been proposed to erect buildings for a Museum of Economic Botany in the Botanic Gardens at Glasnevin, and money has been taken on account in the estimates for that purpose. We consider, however, that the erection of a building for this purpose in the gardens is to be deprecated, and that the collection may fitly form a part of the Science and Art Museum.

Agricultural Museum.

"(*m.*) That the Royal Dublin Society should be invited to hand over the Agricultural Museum to the Science and Art Museum.

Museum of Royal Irish Academy.

"(*n.*) That the premises of the Royal Irish Academy being insecure, insufficient, and unsuitable for its purposes, it is desirable that the Academy should be transferred to a building, on the central site already indicated, adapted for its valuable collections; and that rooms should be provided for its meetings, administration, and library.

"(*o.*) That at the same time sufficient funds should be placed at the disposal of the Academy for the furtherance of its objects; and that the Academy should be invited to make arrangements for the exhibition of its collection in connexion with the Department of the Science and Art Museum devoted to antiquities.

Geological Survey.

"(*p.*) That the appropriation of the premises in St. Stephen's Green to the purposes of a College of Science will render it necessary to find accommodation elsewhere for the officers and collections of the Irish branch of the Geological Survey of the United Kingdom.

Geological Collections.

"(*q.*) That as these collections will, no doubt, be permanently retained in Ireland as a record of the geological structure and history of the country, and as illustrative of its industrial resources, it would be desirable to find accommodation for them in the vicinity of the Natural History Museum.

Museum of Irish Industry.

"(*r.*) That the collections of the Museum of Irish Industry still retained in the College of Science, may with advantage be transferred to, and form the nucleus of, the Science and Art Museum."

Lord Sandon's letter, 1876.

The Recommendations of the Commission as respects the Royal Dublin Society and a new Science and Art Museum remained in abeyance for several years. On the 9th February 1876, Lord Sandon, then Vice-President of the Committee of Council on Education, who with Mr. W. H. Smith, Secretary of the Treasury, and Sir M. H. Beach, Chief Secretary for Ireland had a few months previously inquired into the subject on the spot, addressed a letter to the Royal Dublin Society and the Royal Irish Academy asking for their support and co-operation in a comprehensive plan for augmenting and extending the facilities for Science and Art Instruction in Ireland.

The letter stated that—

"ii. From the representations which have been made to the Government as to the general wishes of the country; from the recommendations of the Commission of which the Duke of Leinster—then the Marquis of Kildare—was Chairman in 1868; and from the evidence given before that Commission it appears that the time has now arrived when the wants of the community at large have outgrown the useful action of private Societies, and when a thorough re-arrangement and consolidation of existing institutions have become essential as a condition precedent to further progress.

"iii. With this view their Lordships propose to build, on a site adjacent to Leinster House, a Science and Art Museum for Ireland, somewhat similar to that now existing in Edinburgh for Scotland; and to remove the Natural History Museum to the same building, supplying it with funds and staff sufficient for its development into a National Museum of Natural History. Natural History Museum, &c.

"iv. The Collections of the Geological Survey and the Industrial Collections still retained in the Royal College of Science would be removed to the same building, the former collections remaining, during the continuance of the Survey, under its officers, for whom offices may probably be provided in Leinster House. Geological Survey Collections and Industrial Collection.

"v. The Library would then be transferred from Leinster House into the building now occupied by the Natural History Museum, and supplied with the funds and staff necessary to develop it into a public National Library under the superintendence of a Council of twelve Trustees, eight of whom would be nominated by the Royal Dublin Society and four by the Government. The officers of the Library would be appointed by the Council of Trustees. And as the members of the Royal Dublin Society would enjoy no greater privileges than the public generally, their present contribution to it would cease. Library Trustees.

"vi. The Collections of the Royal Irish Academy would also be transferred to the Science and Art Museum; the officers at present in charge of them becoming officers of the Science and Art Department. Royal Irish Academy Museum.

"vii. The Science and Art Museum, which would thus be an entirely new Institution, having the same scope and object as the Science and Art Museum in Edinburgh, would be maintained and managed in a similar manner. Its collections would consist of purchases, for which an annual vote would be taken; of loans, especially from the South Kensington Museum; and it may reasonably be hoped of donations from public-spirited individuals in Ireland. Science and Art Museum.

"viii. Provides for the removal of the Royal Irish Academy to Leinster House. But as this proposal was eventually abandoned it is unnecessary to quote it. Royal Irish Academy.

"ix. The Art School would be made a special Metropolitan School, the Royal Dublin Society being relieved of their management of and contributions to it. Art School.

"x. In order to carry out the foregoing arrangements, and to afford to the State the requisite control over property and buildings upon which a large amount of public money is to be expended, it will be necessary to obtain an Act of Parliament amending the 17 & 18 Vict. c. xcix., and to vest all the buildings and land now held by the Royal Dublin Society in the Government, except the premises fronting on Kildare Place now used for the Agricultural Museum and Shows by the Royal Dublin Society, and to purchase, if possible, the fee simple of such part of the property as is held on lease. Transfer of property to Government.

"xi. States that, that though these arrangements will necessarily entail the surrender by the Royal Dublin Society and the Royal Irish Academy of some privileges which they now enjoy, and will deprive them of some of those functions which they have hitherto exercised; it was to be understood that the eminent services which those bodies had rendered to Ireland were not undervalued, and that the autonomy and functions of the Societies would be in no degree affected, except as provided in the foregoing.

"xii. Their Lordships further earnestly desire to retain the advantage of the assistance and authority which the continued co-operation of the Societies with the Government in this more extensive national undertaking would afford, and in order to aid them in the administration of the Science and Art Museum, the Natural History Collections, and the Botanic Gardens, they propose to constitute a Board of Visitors consisting of 12 members; four nominated by the Lord Lieutenant, five by the Royal Dublin Society, three by the Royal Irish Academy, the members to be appointed for a limited time but to be re-eligible, and a President, to be elected annually by the Board. The duties of the Board of Visitors would be to make Annual Reports to the Science and Art Department, which should be laid before Parliament, on the condition, management, and requirements of the Museum, and to advise on points affecting the administration. Boards of Visitors. Duties.

Director of Museum.

"xiii. The Science and Art Museum would be under a Director, an Officer of the Science and Art Department, directly responsible to it, as at Edinburgh, with a sufficient staff.

Natural History Museum.

"xiv. The Natural History Museum would be under a curator paid by the State as at present; but he would be appointed by, and responsible to, the Science and Art Department, and not to a Committee of the Royal Dublin Society. It is not necessary here to consider the exact relations of this officer to the Director of the Science and Art Museum, but they would probably be somewhat similar to those of the Curator of the Natural History Museum in Edinburgh to the Director of the Science and Art Museum.

Botanic Gardens.

"xv. The Botanic Gardens, Glasnevin, would be under a Curator paid by the State, as at present; but he would be appointed by, and responsible to, the Science and Art Department.

Accounting Officer.

"xvi. The Director of the Science and Art Museum would act as Accounting Officer for all the votes of public money, and would be the medium of communication with the Science and Art Department."

Agreement with Royal Irish Academy.

After some negotiation an agreement was come to with both societies. The arrangement with the Royal Irish Academy, which is given in the 25th Report of the Science and Art Department, p. 10, provides for the transfer of its collections to the new Science and Art Museum in Dublin, as soon as the building was ready to receive it. This has now been carried out; and this fine collection of Irish Antiquities is now exhibited in the new Museum.

Agreement with Royal Dublin Society.

Memorandum of supplementary provisions, 1877.

The agreement with the Royal Dublin Society, embodied in a Memorandum of Provisions supplementary to Lord Sandon's letter of the 9th February 1876, is dated 5th March 1877, and is given in the 26th Report of the Science and Art Department, p. 10. Under one of the clauses the Society undertook to assist in the passage of the Bill then before Parliament. It is unnecessary to refer to the other clauses as they eventually formed portions of a further agreement the details of which are given in the subsequent paragraphs.

Science and Art Museum Act (Dublin, 1877).

The Dublin Science and Art Museum Act, 1877 (40 & 41 Vict. c. 234), transferred the Society's lands, Collections, and Library to the Government, in consideration of which the Society was to receive 10,000*l*.*

Power to make agreements.

Sect. 16 of the Act provides "that for the purpose of "giving effect to the objects of this Act, and generally in "furtherance of or in connexion with the same, it shall be law-"ful for the Commissioners of Public Works in Ireland, or the "Department and the Society respectively, to enter into all or "any agreement, contracts, and arrangements (not inconsistent "with the provisions of this Act) which they may think fit, "and to do all acts, matters, and things necessary to carry the "same into effect, and every such agreement, contract, and "arrangement shall be of the same force and effect as if the "same had been contained in this Act."

Agreement of 1881. Surrender of Agricultural premises.

The Agreement made under this Act, one of the provisions of which was that the Society should cease to hold their Agricultural Shows on the premises of Leinster House, formed the subject of very lengthy negotiations, the then Lord President of the

* By a subsequent arrangement the Society also received the materials of the Agricultural Hall and Sheds which were removed from Leinster House.

Council, Earl Spencer, visiting Ireland on the subject in the autumn of 1880, and was not concluded till 1st March, 1881.

Sec. i. of the Agreement annuls the unperformed portions of the Memorandum of Agreement of the 5th March 1877.

Sec. ii. provides that "the Society shall have such accommodation in Leinster House free of rent and taxes as is sufficient for the functions of the Society still remaining to it in Science and Agriculture, provided that the office accommodation for Agriculture be the same with and no greater than such as would be necessary for the Society's functions in Science, and provided that if hereafter any amalgamation shall take place between any section of the Royal Dublin Society and another Society such amalgamation shall not entitle the other Society to any rights of occupation in Leinster House unless a special sanction be obtained from the Government. The conditions of occupation shall be the same as those accorded to the Learned Societies in Burlington House." Accommodation of Royal Dublin Society.

Secs. iii., iv., and v. provide for the immediate appropriation of the rooms in Leinster House between the Science and Art Department and the Society. Rooms in Leinster House.

Sec. vi. states that "the appropriation of rooms shall be liable to revision by the Lords of the Committee of Council on Education when the new Science and Art Museum is built, provided that the Society shall not receive less accommodation for such new arrangement than that provided, or agreed to be provided, by the several clauses herein-before contained; and that a fair and liberal consideration shall be accorded to the wants of the Society; and provided also that the right of the Society to have and enjoy ultimately the accommodation appropriated to it in Leinster House upon the same conditions of occupation as those accorded to the learned Societies in Burlington House shall not be prejudiced or affected by the provisions of the third and fourth clauses herein-before contained." Revision of Arrangements.

Sec. vii. that "the Society shall afford full and free access to the public at all reasonable times to the scientific serials and to the transactions and other publications of other learned Societies, reserved to them by the fourth section of the Dublin Science and Art Museum Act, 1877." Scientific serials. &c.

Sec. viii. provides for the payment to the Society of the then unpaid residue of 25,000*l.** in consideration of which the Society was to discontinue to hold agricultural shows in Kildare Street, Dublin, and to provide lands and buildings for holding such shows elsewhere. The Government being discharged from any further claims in respect of the removal of such shows and of providing accommodation elsewhere. Compensation to Society.

Secs. ix. and x. provide for the re-transfer of certain books to the Society, and for the Society in future providing its own staff and printing, on the condition that the proceedings and transactions are printed by the Government for five years. Printing, &c.

* This sum of 25,000*l.* was irrespective of, and additional to, the sum of 10,000*l.* secured to the Society by the Dublin Science and Art Museum Act.

Lecture Hall, &c. " xi. The Lecture Hall, Laboratory, and the necessary offices are to be reserved to the Society, or an equivalent provided.

Leinster Lawn. " xii. The privilege of passing through Leinster Lawn and the Court Yard of Leinster House is reserved to members of the Society.

Illustrations of papers. " xiii. Subject to the consent of the Director, the Collections in the Botanical Gardens and the Natural History Museum shall be available as heretofore in illustration of the papers read before the Society.

Borrowing Books. " xiv. Members who joined the Society before the first of January one thousand eight hundred and seventy-eight, of whom a certified list shall be furnished by the Society to the Department annually before the first of April, shall be allowed to borrow books from the Library, subject to regulations to be laid down by the Trustees of the Library, and the Department, and shall have free admittance to the Museum at all times at which it is open to the public.

National Library Trustees. " xv. The National Library shall be under the superintendence of a Council of twelve trustees, eight of whom shall be appointed by the Society and four by the Department, and the Officers of the Library shall be appointed by the Council of Trustees. The Trustees to be appointed by the Society shall be appointed in such manner and shall hold office for such term as the Society shall from time to time determine by bye-law . . . ."

Sec. xvi. provides for filling up vacancies.

Board of Visitors " xvii. In order to aid the Lords of the Committee of Council on Education in the administration of the Science and Art Museum, the Natural History Collection, and the Botanic Gardens, a Board of Visitors shall be constituted consisting of twelve members, four to be appointed by the Lord Lieutenant, five by the Society, and three by the Royal Irish Academy. The members so to be appointed by the Society shall be appointed in such manner and shall hold office for such term as the Society shall from time to time determine by byelaw . . . . . A President shall be elected annually by the Board from the said twelve members. The duties of the Board of Visitors shall be to make annual reports to the Department on the condition, management, and requirements of the Museum, and to advise on points affecting the administration; and a copy of such reports shall be laid before Parliament by the Department."

xviii. provides for filling up vacancies.

New Charter. " xix. The Department shall, at the request of the Society, join in a recommendation to Her Majesty to grant such a new Charter or Charters as in the opinion of the Society may be required by the altered circumstances and conditions of the Society."

xx. provides for further agreements.

Building of New Museum. The Government were most desirous to commence the new Science and Art Museum as soon as possible after the Act was passed; but popular feeling in Dublin was strongly opposed to the best and only site available at that time—that across

the end of Leinster Lawn (*see* 28th Report of the Science and Art Department, p. 579), and the Department was informed that Lord Pembroke would, in deference to this opposition, veto, under the powers reserved to him by the lease of 1855,* any building on Leinster Lawn. Leinster Lawn site.

It was not until October, 1880, that the Royal Dublin Society vacated the Agricultural premises. This provided an alternative site for the Museum. But as it was by no means so desirable a site as that on Leinster Lawn, an opportunity was afforded to the people in Dublin (Ibid. p. 579) to reconsider the matter. The opposition to the latter site was, however, still so strong that it was considered useless to press it further. A competition for designs for the new Museum on the Kildare Street site—that of the Agricultural buildings—was then arranged by the Board of Works in Dublin. Agricultural Hall site.

After the competition had been decided in 1882, great objections were taken by the people of Dublin to the site and the proposal generally. Strong representations were made to the Government. And eventually it was decided to set the plans aside and have a fresh competition. It was also decided to purchase some houses and land on the south side of the Court of Leinster House on which to build the new Library, the Natural History Collections remaining in the present building, and the Art and Industrial Collections being placed on the North side of the Court. This second competition resulted in the selection of the designs made by Messrs. T. N. Deane & Son. The buildings were completed during the year 1889–90 New Competition.

As soon as the Collections were transferred by the Act of 1877, Dr. Steele, who had been Assistant Secretary of the Royal Dublin Society, was appointed Director of the Science and Art Museum with the powers stated in Lord Sandon's letter of the 9th February 1876 (*see* p. lxxxiv). On his death in 1883, after an interval of six months, during which Mr. H. B. White, M.A., M.A.I., Chief Clerk, was in temporary charge of the Director's Office, Dr. V. Ball, C.B., F.R.S., the late Director of the Museum, was appointed (September 1883), and died on the 15th June 1895, when Mr. White was again placed in charge. On the 10th December 1895 Lieut.-Colonel G. T. Plunkett was appointed to the Directorship of the Science and Art Institutions in Dublin, thus becoming Dr. Ball's successor in the Directorship of the Dublin Museum. The Museum consists of two principal Departments; the Art and Industrial, and the Natural History, of which Mr. T. H. Longfield, F.S.A., and Dr. R. F. Scharff are the keepers respectively. The Collections of the Royal Irish Academy, the Herbarium and Economic Botany, Staff.

* The Act of 1854 (17 & 18 Vict. cap. 99) "to provide for the establishment of a National Gallery of Paintings, Sculpture, and the Fine Arts, for the Care of a Public Library, and the erection of a Public Museum in Dublin," enabled the late Right Hon. Sidney Herbert to grant a lease of Leinster Lawn for the purposes of the Act. The lease so made, dated 4th August 1855, provided "that the nature, "disposition, and elevation of the Buildings intended to be erected from time to "time shall be submitted to the said Right Hon. Sidney Herbert and his successors "in Estate for his or their approval, and that no building shall be erected upon "said premises, unless and until such approval in writing on their part . . . . "shall have been first had and obtained."

and the Collections of the Geological Survey of Ireland are under the immediate custody of Major MacEniry, Professor Johnson, and the officers of the Geological Survey respectively.

New Buildings. The New Buildings for the reception of the Art and Industrial Museum and for the National Library of Ireland were opened to the public by His Excellency the Lord Lieutenant of Ireland on the 29th August 1890. And the collection of Irish Antiquities, belonging to the Royal Irish Academy, was a few months later transferred to the new premises which have been provided for it.

Board of Visitors. A Board of Visitors has been constituted in accordance with § xii. of Lord Sandon's letter and a Council of Trustees to superintend the National Library as provided by § v.

The Museum is open free from 11 a.m. to 9 p.m. on Tuesdays and Thursdays, from 11 to 5 (or dusk) on other week-days, and from 2 to 5 on Sundays.

Yearly attendance. The attendance of the public in the Museum for the last two years was as follows :—

——	Week-days.	Two Evenings.	Sundays.	Total.
1893	273,584	42,167	51,894	367,645
1894	392,808	39,106	51,096	483,010

METROPOLITAN SCHOOL OF ART.

The School of Art has been greatly enlarged, and a complete system of electric lighting has added materially to the facilities for working and the comfort of the evening classes. The present head master, Mr. James Brenan, R.H.A., was appointed in June, 1889.

ROYAL BOTANIC GARDENS, GLASNEVIN.

Foundation. These Gardens were first founded by the Royal Dublin Society, by means of an endowment made to the Society by the Irish Parliament during the years 1790–94. The site was not selected till 1795, when the Demesne, which belonged to the poet Tickell, was reported on by a committee of the Society as being, in every way, the most suitable one which could be obtained for

1800–1877. the purpose. From 1800 to 1877 the management was vested in the Royal Dublin Society, the expenditure being met by funds voted by Parliament, but in 1877 the control of the Gardens, together with the Museum, School of Art, and Library, was transferred from the Society to the Government.

Nature of the Gardens. Under a succession of able officers, the Gardens have earned a wide reputation for the successful culture of many rare plants The grounds, in spite of a shallow soil which limits the development of the trees, are very picturesque. The original area of 31 acres has been recently increased by the inclusion of ten additional acres for an Arboretum. The beds of plants arranged in their natural order, and of medicinal plants are much resorted

Hothouses, &c. to by teachers of botany and their classes. There are eight

conservatories, including a fine palm-house. A landscape class of students of the Metropolitan School of Art under the direction of the head master is held in the gardens during the summer. A working laboratory has been provided in the Gardens for the use of Students. Landscape class.

The present keeper is Mr. F. W. Moore, M.R.I.A., whose father, Dr. D. Moore, held the same post for many years. The office of Scientific Superintendent and Referee was held by Professor McNab, M.D., F.L.S., from 1879 till the time of his death in December 1889. The Director of the Science and Art Museum has general control of the administration of this as well as the other institutions connected with that Museum. Officers.

A new edition of the guide to the Gardens by the late Dr. D. Moore, revised and in parts rewritten by the late Dr. McNab, contains, besides an account of their contents, an interesting sketch of their history. Official Guide.

The attendance of the public in the Gardens for the last two years was as follows:— Yearly attendance.

——	Week-days.	Sundays.	Total.
1893	124,441	285,487	409,928
1894	123,513	269,186	392,699

DUBLIN ROYAL COLLEGE OF SCIENCE.

The early history of this Institution is given under the Science and Art Museum, Dublin, *see* p. lxxvi. It will be seen that when the Committee of the House of Commons in 1864 recommended, in opposition to the Treasury Commission of 1862, that the "Museum of Irish Industry and School of Science applied to "Mining and the Arts,"—as the Institution on St. Stephen's Green was then termed—should be maintained, it was decided to enlarge the scope of the School and to make it a thoroughly efficient College of Science. A Commission, of which the late Lord Rosse was Chairman, was appointed to frame the scheme of instruction. The other members of the Commission were:—Lord Talbot de Malahide, Mr. W. B. Carpenter, the Rev. B. M. Cowie, Mr. John Fowler, Professor E. Frankland, Mr. W. H. Gregory M.P., Colonel H. D. Harness, Professor A. W. Hofmann, Professor T. H. Huxley, Mr. J. Beete Jukes, Sir Robert Kane, Mr. Myles O'Reilly, Professor Lyon Playfair, General E. Sabine, R.A., Mr. Warington W. Smyth, Professor W. K. Sullivan, Professor J. Tyndall and Captain Donnelly, R.E., who also acted as Secretary. The Treasury having approved of the increased staff of Professors, &c. (*see* correspondence in 14th Report of Department of Science and Art—also published as a Parliamentary paper in 1866) the College was opened for its first session in November 1867. Early history. Lord Rosse's Commission.

The Royal College of Science supplies, as far as practicable, a complete course of instruction in Science applicable to the Industrial Arts, especially those which may be classed broadly Object of College of Science.

under the heads of Mining, Engineering, and Manufactures, and is intended also to aid in the instruction of Teachers for the local Schools of Science.

Associate and other Students. Students may enter as Associates or Non-Associates. By Associate Students are meant all those who enter for the three years' curriculum of the College, with the intention of obtaining Diplomas. They must pass at the Sessional Examinations in the subjects taught during each year, and must pass with credit in certain subjects of the third year's courses in order to obtain the Diploma. In the first year the instruction is general. In the following years it is specialized under the heads of Mining Engineering, Manufactures, and Physics. The session is divided into two terms, the first commences on the first Monday in October and the second on the first Monday in February.

Professors, &c. There are Professors of—(1) Applied Mathematics, and Mechanism; (2) Descriptive Geometry, Engineering, and Mechanical Drawing; (3) Physics; (4) Chemistry; (5) Geology; (6) Mining and Mineralogy; (7) Zoology; and (8) Botany. In addition to whom there are Assistants and Demonstrators.

Administration. The College is administered, as regards educational matters, by the Council of Professors, one of whom, in rotation, acts as Dean, the executive work being in the hands of the Secretary.

Prizes and Scholarships. Besides Prizes and a Medal, four Royal Scholarships of the value of 50*l.* yearly each, with free admission to the Lectures and Laboratories, are attached to the College. Two scholarships are offered for competition each year to students, not being Royal Exhibitioners, on the completion of their first year's course.

Exhibitions and Scholarships. The Royal Exhibitions and National Scholarships which are competed for at the May Examinations of the Science and Art Department have been already described, *see* page xix.

Evening lectures. Courses of Evening Lectures on various branches of Science are voluntarily given by some of the Professors from time to time.

The number of regular students during the session 1894–95 was—associates, 23; non-associates, 61; total, 84.

Library. There is a Library of over 11,000 volumes, principally on science, attached to the College, which is open to the students, and also to the public under certain restrictions.

Full information of the courses, &c. is contained in the Directory of the College which can be obtained by application to the Secretary.

Visitors to Museum collections. The Museum collections, which are open to the public during the day, were visited, in 1894, by 1,032 persons.

ROYAL HIBERNIAN ACADEMY.

Original Chart of Incorporation. 1. The Royal Hibernian Academy was incorporated by Royal Charter in 1823, and consisted of 14 members and 10 associates, professors of painting, sculpture, and architecture, who formed an association of Artists for the promotion of the Fine Arts in Ireland by means of Schools for drawing and painting, lectures and exhibitions. In 1826 Mr. Francis Johnston, Architect, then

Presentation of Premises.

President of the Academy, presented to it a house in Lower Abbey Street. In 1832 the Royal Hibernian Academy obtained a grant of 300*l.* a year from the Treasury, which it has enjoyed ever since. The administration of the Academy was not financially or educationally successful, and in 1858 an inquiry was held by Mr. Norman MacLeod, Assistant Secretary of the Science and Art Department, which resulted in the granting in 1861 of a new Charter increasing the number of members from 14 to 30 and granting powers to the Academicians to frame byelaws subject to the approval of the Lord Lieutenant.

Parliamentary Grant.

New Charter.

The Parliamentary grant of 300*l.* for the educational purposes of the Academy is paid through the Science and Art Department, and since 1862 the Academy has reported annually to it.

Connexion with Department.

The Exhibitions of the Academy are held annually, and comprise works of painting, sculpture, drawing, and designs in architecture. The exhibitions are open to the public on payment of 1*s.* in the daytime, and 1*d.* in the evening. In 1884 they were also thrown open to the public on Sundays from 2 p.m. to 6 p.m. at a charge of 2*d.*

Exhibitions.

The Schools of the Academy are a School of the Antique, open five days in the week under the supervision of the Keeper; a School of the Living Model open on five evenings, and a School of Painting open three days in each week. Art Students desiring to join the schools must send in drawings from the Antique or from the Living Model, to be submitted to the Council of the Academy. They also are admitted on having passed in the four papers of Freehand, Geometry, Perspective, and object drawing of the second grade of the Department of Science and Art. and are able to produce certificates from the Department to that effect. An examination of the whole of the students' works is held each year by the President and the Keeper of the Academy in conjunction with an Inspector of the Department of Science and Art. Medals are awarded, and the Inspector reports to the Department the results of the examination and of his inspection of the Schools. There is an annual exhibition of the students' works, and a public distribution of medals; and works executed in the schools of the Academy are admissible to the National Competition at South Kensington.

Academy Schools.

Inspection and award of Medals.

Works eligible for National Competitions.

In 1893–94 the Schools were open 30 weeks. The average weekly attendance in the Life School was 25 and in the Painting School 24.

ROYAL ZOOLOGICAL SOCIETY OF IRELAND.

This Society was founded in 1832. It first received Government aid (in the shape of an annual grant of 500*l.* through the Royal Dublin Society) in 1854, and reported to the Science and Art Department in 1856. From 1865 the grant of 500*l.* a year was paid to it directly by the Science and Art Department. About the year 1865, special additional grants were made to meet exigencies and for the enlargement of the gardens and buildings. The amount of these grants was in 1866–7,

Foundation of Society.

Special Grants.

1,601*l*. 3*s*. 9*d*., in 1867–8, 1,486*l*. 6*s*., in 1868–9, 1,500*l*., or a total of 3,087*l*. 9*s*. 9*d*. Since that date the annual grant of 500*l*. has sufficed.

Visitors and Receipts.

The following table gives the number of and receipts from visitors, together with the amounts received from entrance fees and subscriptions of members for decennial periods from 1862:—

Year.	No. of Visitors.	Visitors' Fees.	Entrance Fees and Subscriptions.
		£ s. d.	£ s. d.
1832	36,497	—	—
1842	109,706	—	—
1852	92,096	—	—
1862	132,771	864 8 6	250 0 0
1872	147,184	1,502 9 10	496 0 0
1881	120,787	1,439 14 5	724 0 0

Transfer of Grant.

The grant to the Society was removed in 1882 from the Vote for the Department of Science and Art and is now taken under that for "Learned Societies."

ROYAL SCHOOL OF NAVAL ARCHITECTURE AND MARINE ENGINEERING.

Establishment of School.

This School was established by the Lords of the Committee of Council on Education at the request of the Lords Commissioners of the Admiralty "with a view of providing especially for the " education of shipbuilding officers for Her Majesty's Service, " and promoting the general study of the Science of Ship Build- " ing and Naval Engineering," but "not limited to persons in " the Queen's Service." It was opened on the 1st November 1864 under Dr. Woolley, Inspector General and Director of Studies of the Admiralty, Mr. Merrifield, F.R.S., Principal, and Mr. Purkiss, Vice-Principal.

The correspondence which led up to its foundation is printed at page 5 of the 11th Report of Science and Art Department, and the scheme for the organisation of the School by Captain Donnelly, Dr. Woolley, and Mr. E. J. Reed, with the first prospectus, in the 12th Report.

The Collection of Naval Models belonging to the Admiralty was transferred to this Department from Somerset House at the time of the establishment of the school.

Students.

There were at first 16 students sent by the Admiralty and 6 private students. With a view to render the school as useful as possible to private shipbuilders, courses of lectures by eminent scientific men were delivered for their special benefit in addition to the ordinary School Lectures.

The session of the School at South Kensington lasted for about six months in the year, during the other six summer months the students were employed in the Royal Dockyards and Factories. Private students at the School who were British

subjects were also allowed to work in the Royal Dockyards and Factories.

In 1866 the number of students had increased to 44, 29 being Admiralty and 15 private students (of these latter, 5 were foreigners, viz., 4 Russians, and 1 Swede). Foreign Students.

The first examination for diplomas was held at the close of the Session in April 1867. Seventeen candidates presented themselves after a three years' course: of these 13 were successful. No private students, however, obtained a diploma, although allowed to do so by the Regulations. Diplomas.

In 1868 it appeared that the time allotted to the studies was insufficient and it was determined with the concurrence of the Admiralty to increase the school year by a fourth session and each session by one month. Extension of period of study.

By an Order in Council dated 16th January 1873, the School was transferred to the Royal Naval College, Greenwich, the Lords of the Admiralty expressing their entire satisfaction with the manner in which their pupils had been educated at South Kensington. Transfer to Admiralty.

The following Table shows the number of students each year from the opening to the transfer of this School to the Admiralty authorities :—

Session.	Admiralty Students.	Private Students.	Total.
1864–65	16	6	22
1865–66	24	13*	37
1866–67	29	15†	44
1867–68	24	18	42
1868–69	26	14	40
1869–70	30	10	40
1870–71	32	10	42
1871–72	35	5	40

* Four of these were Russians. † Four Russians, one Swede.

The great success of the School while it was at South Kensington is shown by the last paragraph of the Memorandum submitted by the President and Council of the Institution of Naval Architects, which will be found at page lii.

The tabular statements which follow give full information as to the various Science and Art Schools in connection with the Department, and some of the principal awards obtained by the students.

By Order,

(Signed) J. F. D. Donnelly.

20th January 1896.

Index to Places at which Schools and Classes are held.

INDEX TO PLACES AT WHICH SCIENCE AND ART SCHOOLS AND CLASSES ARE HELD, A LIST OF WHICH COMMENCES AT PAGE 2.

Place.	Page.
Aberavon - - - -	316
Aberbeeg - - - -	194
Abercarn - - - -	194
Aberdare - - - -	316
Aberdeen - - - -	332–334
Aberfeldy - - - -	378
Abergavenny - - -	194
Aberlour - - - -	340
Abersychan - - -	196
Abertillery - - - -	196
Aberystwith - - -	310
Abingdon - - - -	2
Acorington - - - -	94–96
Acle - - - - -	198
Acton, W. - - - -	190
Ainstable - - - -	26
Airdrie - - - -	362
Aldersgate Street, E.C. - -	152
Aldershot - - - -	76
Alexandria - - - -	344
Alford - - - -	146
Alfreton - - - -	30
All Cannings - - -	260
Alloa - - - - -	344
Allonby - - - -	26
Alnwick - - - -	208
Alsager - - - -	10
Alton - - - -	76
Altrincham - - -	10
Alva - - - - -	344
Alvah - - - -	340
Alyth - - - -	378
Ambleside - - - -	260
Ammanford - - -	312
Ampthill - - - -	2
Anahilt - - - -	408
Andover - - - -	76
Annbank - - - -	336
Anstruther - - -	352
Arbroath - - - -	356
Arbuthnott - - - -	360
Ardallie - - - -	334
Ardrossan - - - -	336
Ardsley - - - -	272
Armagh - - - -	408
Armley - - - -	272
Ashbourne - - - -	30
Ashburton - - - -	40
Ashby de la Zouch - - -	140–142
Ashford - - - -	88
Ashington - - - -	208
Ashton-under-Lyne - -	96
Askam - - - -	96
Aspatria - - - -	26
Aspull - - - -	96
Astley - - - -	96
Aston - - - -	250
Aston Clinton - - -	4
Atherstone - - - -	250–252
Atherton - - - -	96
Athlone - - - -	396
Auchinblae - - - -	360
Auchmill - - - -	334
Auchtermuchty - - -	352
Awsworth - - - -	214
Axbridge - - - -	224
Aylesbury - - - -	4
Ayr - - - -	336
Bacup - - - -	96
Baildon - - - -	272
Bakewell - - - -	30
Balbriggan - - - -	390
Balham, S.W. - - -	152
Ballaghaderin - - -	388

Place.	Page.
Ballantrae - - - -	336
Ballina - - - -	358
Ballymena - - - -	404–406
Ballymoney - - -	406
Ballynahinch - - -	408
Balsall Heath - - -	266–268
Banbridge - - - -	408
Banbury - - - -	220
Banchory Ternan - - -	360
Banff - - - -	340
Bangor - - - -	314
Bankend - - - -	346
Bantry - - - -	398
Bargoed - - - -	316
Barking - - - -	64
Barmouth - - - -	328
Barnard Castle - - -	48–50
Barnet - - - -	84
Barnoldswick - - -	272
Barnsley - - - -	272
Barnstaple - - - -	40
Barrhead - - - -	350
Barrowford - - - -	96
Barrow-in-Furness - -	96
Barrow-on-Soar - - -	140
Barry (Glam.) - - -	316
Barry (Forfar) - - -	356
Barwell - - - -	142
Basingstoke - - -	76
Bath - - - - -	226
Bathgate - - - -	376
Batley - - - -	272
Battersea, S.W. - - -	152–154
Bayswater, W. - - -	154
Beaminster - - - -	46
Beaufort - - - -	310
Beauly - - - -	360
Bebington (Lower) - -	10
Beccles - - - -	238
Beckenham - - - -	88
Beckermet - - - -	26
Bedford - - - -	2
Bedlington - - - -	208
Bedlinog - - - -	318
Bedworth - - - -	252
Beighton - - - -	30
Beith - - - -	336
Belfast - - - -	406
Bellshill - - - -	362
Belmont - - - -	406
Belper - - - -	32
Belton - - - -	146
Belvedere - - - -	88
Berkhamsted (Great) - -	84
Bermondsey, S.E. - -	164
Berwick-on-Tweed - -	208
Bestwood Park - - -	214
Bethesda - - - -	314
Bethnal Green, E. - - -	154–156
Beverley - - - -	272–274
Bewdley - - - -	268
Bexley - - - -	88
Bexley Heath - - -	88
Bickershaw - - -	98
Bideford - - - -	40
Biggar - - - -	362
Billingborough - - -	146
Bilston - - - -	230
Bingley - - - -	274
Birkdale - - - -	98
Birkenhead - - -	10
Birmingham - - -	252–254–256
Birnie - - - -	350
Birstall - - - -	274
Birtley - - - -	50

Index to places at which Science and Art Schools and Classes are held—*cont.*

Place.	Page.
Bishop Auckland	50
Bishopbriggs	362
Bishopsgate, E.C.	156
Bishop's Stortford	84
Blackburn	98
Blackheath, S.E.	156
Blackpool	98
Blackrock (Leinster)	390
Blackrock (Munster)	398
Blackrod	98
Blackwater	18
Blackwell	32
Blackwood	196
Blaenau Festiniog	328
Blaenavon	196
Blaengarw	318
Blaina	196
Blair Atholl	378
Blairgowrie	378
Blandford	46
Blantyre	362
Blaydon-on-Tyne	50
Bloomsbury, W.C.	156
Bloxwich	230
Blyth	208
Bognor	246
Boldon Colliery	50
Bollington	10
Bolton	100
Bo'ness	376
Bonniconlan	388
Bonnyrigg	348
Boothstown	100
Bootle	100
Borough Road, S.E.	156
Boston	146
Borrowash	32
Bottwnog	314
Bourne	146
Bournemouth	78
Bower	342
Bow, E.	156
Bowmore	336
Bowness	260
Boyle	390
Bracebridge	146
Brackley	204
Bradford	274–276
Bradford-on-Avon	262
Braintree	64
Brampton	26
Brant Broughton	146
Bratton	262
Bray	396
Breaston	32
Brechin	356
Brecon	310
Bremhill	262
Bridgend	318
Bridgnorth	222
Bridgwater	226
Bridport	46
Brierfield	100
Brierley Hill	230
Brighouse	276
Brighton	246–248
Brimscombe	70
Brinkworth	262
Bristol	70–72
Brithdir	318
Briton Ferry	318
Brixton, S.W.	156–158
Broad Blunsdon	260
Brockley	158
Bromfield	26
Bromham	262
Bromley (Kent)	88
Bromley (Middlesex)	158
Brompton, S.W.	158
Bromsgrove	268
Bromyard	82
Broseley	222
Broughton-in-Furness	102
Broughty Ferry	356
Bruton	226
Brynamman	312
Buckhurst Hill	64
Buckie	342
Buckingham	6
Buckley	316
Bulkington	256
Bunbrusna	396
Bungay	238
Bunwell	200
Burford	220
Burgess Hill	248
Burghead	350
Burnham	226
Burnhope	50
Burnley	102
Burnopfield	50
Burntisland	352
Burryport	312
Burslem	230
Burton	260
Burton-on-Stather	146
Burton-on-Trent	230
Bury	102
Buryas Bridge	18
Bury St. Edmunds	238
Bute Town	318
Butterknowle	50
Buttevant	398
Buxton	32
Caerphilly	318
Callander	378
Calne	262
Calstone	262
Camberwell, S.E.	158
Camborne	20
Cambridge	8
Cambridge Heath, E.	158
Cambuslang	362
Camden Town, N.W.	158
Campbeltown	336
Canning Town, E.	64
Cannock	230
Canterbury	88
Cardiff	318–320
Carlisle	26
Carlow	390
Carluke	362
Carlton	278
Carmarthen	312
Carmunnock	362
Carnarvon	314
Carnbee	352
Carn Brea	20
Carrickfergus	406
Carrigallen	388
Carron	384
Castle Combe	262
Castle Douglas	360–362
Castleford	278
Castleknock	390
Castleton	102
Caterham	242
Catford, S.E.	158
Catrine	336
Caythorpe	148
Chacewater	20
Chadderton	102–104
Chancery Lane, W.C.	160
Chapel-en-le-Frith	32
Chapeltown	278
Charing Cross Road, W.C.	160
Charlbury	220
Charlton	160
Charlton Kings	72
Chatham	88
Cheadle	230
Cheadle Hulme	12
Chelmsford	64
Chelsea, S.W.	160–162

INDEX TO PLACES AT WHICH SCHOOLS AND CLASSES ARE HELD.

Index to places at which Science and Art Schools and Classes are held—*cont.*

Place.	Page.	Place.	Page.
Cheltenham	72–74	Crook (Billy Row)	52
Chepstow	196	Crossgates	352
Chesham	6	Crosshills	278
Chester	12	Crosshouse	338
Chesterfield	32	Crowle	148
Chester-le-Street	50	Croydon	242
Chichester	248	Crumlin	196
Chippenham	262	Cubitt Town, E.	162
Chipping Camden	74	Culham	220
Chiswick	190	Cullercoats	208
Chorley	104	Cultercullen	334
Chryston	362	Cumnock (Old)	338
Church Gresley	32	Cumnock (New)	340
Church Handley	32	Cupar	354
Cinderford	74	Curry	390
Cirencester	74	Cwmaman	320
City Road, E.C.	162	Cwmavon	320
Clacton-on-Sea	64	Cwmbran	196
Clapham, S.W.	162	Cwmcarn	196
Clapton, N.E.	162	Cwmilynfell	320
Clay Cross	32		
Clayton-le-Moors	104	Dailly	338
Cleator Moor	26	Dalkey	390
Cleckheaton	278	Dalston (Cumberland)	28
Cleobury Mortimer	222	Dalton-in-Furness	104
Cleland	362	Darlaston	230
Clerkenwell, E.C.	162	Darley Dale	34
Clevedon	226	Darlington	52
Clitheroe	104	Darrah	398
Clonakilty	398	Dartford	90
Clonmel	404	Dartmouth	40
Closeburn	346	Darvel	338
Clwt-y-Bont	314	Darwen	104
Clydach	320	Daventry	204
Clydach Vale	320	Dawley	222
Clydebank	344	Deal	90
Clynderwen	312	Dearnley	104
Coalville	142	Deerness	378
Coalbrookdale	222	Denbigh	314
Coatbridge	362–364	Denton	106
Cockermouth	28	Deptford, S.E.	162–164
Cockfield	50	Derby	34
Codnor	32	Dereham	200
Colchester	66	Derry Hill	262
Coleford	74	Devizes	262
Coleraine	410	Devonport	40–42
Colinsburgh	352	Dewsbury	278
Colne	104	Diss	200
Colsterworth	148	Distington	28
Commercial Road, E.	162	Dodworth	278
Compton Bassett	262	Dolgelly	328
Congleton	12	Dollar	344
Connah's Quay	316	Doncaster	278–280
Consett	50	Donegal	408
Cookley	268	Donnington	222
Cooraclare	398	Dorchester	48
Corby	148	Dorking	242
Corfe	226	Douglas	364
Cork	398–400	Dover	90
Cornholme	104	Dowlais	320
Cornsay Colliery	50	Downham Market	200
Cotehill	28	Dowra	388
Coundon	52	Drax	280
Coupar Angus	378	Dreghorn	338
Coventry	256–258	Drighlington	280
Cowdenbeath	352	Drimoleague	400
Cowes (Isle of Wight)	78	Dromore	410
Coylton	336	Dronfield	34
Cradley	268	Droylesden	106
Cragg Vale	278	Drumlithie	36[illegible]
Craigo	356	Drymen	386
Crail	352	Dublin	390–392–394
Craithie	334	Dudley	268
Cramlington	208	Duffield	34
Cratfield	240	Dufftown	342
Craven Arms	222	Duffus	352
Crawshawbooth	104	Dukinfield	
Crewe	12	Dulwich, S.E.	164
Crewkerne	226	Dumbarton	346
Crieff	378	Dumfries	346
Crigglestone	278	Dunaskin	338
Croft	278	Dundalk	394
Cromer	200		

Index to places at which Science and Art Schools and Classes are held—*cont.*

INDEX TO PLACES AT WHICH SCHOOLS AND CLASSES ARE HELD.

Place.	Page.
Dundee	356–358
Dunfermline	354
Dunkeld	384
Dunmanway	400
Dunoon	336
Dunston	52
Dunvegan	360
Durham	52
Dursley	74
Dysart	354
Ealing, W.	190
Earby	280
Earlestown	106
Earl's Colne	66
Easdale	336
Easingwold	280
Eastbourne	248
East Kilbride	364
Eastleigh	78
Eastwood	214
Ebbw Vale	196
Eccles	106
Eccleshall	230
Eckington	34
Eden Bridge	90
Edinburgh	348–350
Egham	242
Eglinton	410
Egremont	28
Elgin	352
Elland	280
Ellesmere	222
Elphin (Sutherland)	386
Elphin (Roscommon)	390
Ely	8
Enfield	190
Ennis	398
Enniscorthy	896
Erdington	258
Erith	90
Eston	280
Evesham	268
Exeter	42
Exmouth	42
Eye	240
Fairford	74
Fakenham	200
Falkirk	386
Falmouth	20
Fareham	78
Farnham	242
Farnworth	106
Fauldhouse	376
Faversham	90
Fenton	230
Fergushill	338
Fermoy	400
Ferndale	320
Ferrybank	404
Ferryside	312
Finchley, N.	190
Finstown	382
Fishguard	328
Fivemiletown	412
Five Ways	232
Fleetwood	106
Floore	204
Fochabers	352
Foleshill	258
Folkestone	90
Fordyce	342
Forfar	358
Forres	352
Fort William	360
Fowey	20
Framlingham	240
Fraserburgh	334
Freshford	394
Freswick	342
Friern Barnet	192

Place.	Page.
Frizington	28
Frodsham	12
Frome	226
Frosterley	52
Fulham, S.W.	164
Fyvie	334
Gainsborough	148
Galashiels	384
Galston	338
Galway	388
Garforth	280
Garston	106
Gateshead	52–54
Gilfach Goch	320
Gillingham (Dorset)	48
Gillingham (Kent)	90
Girvan	338
Glais	320
Glasbury	330
Glascote	258
Glasgow	364–366–368–370–372
Glastonbury	226
Glengarnock	338
Glossop	34
Gloucester	74
Golborne	106
Goole	280
Gorebridge	350
Gorey	396
Gorleston	240
Gorton	106
Gosberton	148
Gosforth	28
Gosport	78
Goswell Road, E.C.	164
Gourock	380
Govan	372
Gowerton	320
Grange-over-Sands	106–108
Grantham	148
Grantown-on-Spey	352
Gravesend	90
Grays	66
Gray's Inn Road, W.C.	166
Great Ayton	280
Great Broughton	28
Great Harwood	108
Great Horton	282
Great Marlow	6
Great Missenden	6
Greenfield	282
Greenock	380–382
Greenwich, S.E.	166
Greetland	282
Grimsby (Great)	148
Grittleton	264
Guildford	242–244
Guilsborough	204
Guisborough	282
Guiseley	282
Gunnislake	20
Gwaun-cae-Gurwen	320
Hackney, N.E.	166
Haddenham	6
Hadfield	34
Hadley	222
Halesowen	268
Halifax	282
Halstead	66
Halton	12
Haltwhistle	208
Hamilton	372–374
Hammersmith, W.	166–168
Hampstead, N.W.	168
Handsworth	232
Hankerton	264
Hanley	232
Harborne	232

INDEX TO PLACES AT WHICH SCHOOLS AND CLASSES ARE HELD.

Index to places at which Science and Art Schools and Classes are held—*cont.*

Place.	Page.
Harlech	328
Harlesden	192
Harrington	28
Harrogate	282
Harrow	192
Harrowbarrow	20
Harrow Road, W.	168
Hartlebury	268
Hartlepool	54–56
Hasland	36
Haslemere	244
Haslingden	108
Haslington	12
Hastings	248
Hatcham, S.E.	168
Havant	78
Haverfordwest	330
Haverstock Hill, N.W.	168
Hawarden	316
Hawick	384
Hayfield	36
Hayle	20
Hazel Grove	12
Headingley	282
Heanor	36
Hebden Bridge	282
Heckmondwike	284
Hednesford	232
Helensburgh	346
Helston	20
Hemel Hempstead	84
Hengoed	320
Henley-on-Thames	220
Hensingham	28
Heptonstall	284
Hereford	82
Hertford	84
Hetton-le-Hole	56
Heworth	56
Heversham	260
Hexham	208
Heywood	108
Highbridge	226
Highbury, N.	168
Highgate	192
High Wycombe	6
Hinckley	142
Hindley	108
Hindolvestone	200
Hingham	200
Hipperholme	284
Hitchin	84
Hoddesdon	84
Holbeck	284
Hollingworth	14
Holloway, N.	168–170
Holme	260
Holmfirth	284
Holmrook	28
Holyhead	310
Holywell	316
Holywell Green	284
Holywood	410
Homerton, E.	170
Hooley Hill	108
Hopeman	352
Horbury	284
Horley	244
Horncastle	148
Hornsey, N.	192
Hornsey Rise, N.	170
Hornsey (South)	192
Horsehay	222
Horsforth	284
Horsham	248
Horton Kirby	90
Horwich	108
Houghton-le-Spring	56
Hounslow	192
Howden-le-Wear	56
Hoxton, N.	170
Hove	250
Hownam	384
Hoyland Common	284
Hucknall Torkard	214
Huddersfield	284–286
Hugglescote	142
Hull	286–288
Hunstanton	200
Huntingdon	86
Huntly	334
Hunwick	56
Hyde	14
Hylton	56
Hythe	92
Ibstock	142
Ilfracombe	42
Ilkeston	36
Ilkley	288
Illogan Highway	20
Ilminster	226
Ingoldsby	150
Inverness	360
Ipswich	240
Ironbridge	224
Irthlingborough	204
Irvine	338
Irvinestone	410
Islington, N.	170
Iver	6
Jackfield	224
Jarrow-on-Tyne	56
Johnstone	382
Jump	288
Keighley	288
Keiss	342
Keith	342
Kelso	384
Kendal	260
Kenmare	402
Kenilworth	258
Kennington, S.E.	170
Kensal Green, W.	170
Kentish Town, N.W.	170–172
Keswick	28
Kettering	204
Kettle	354
Keyworth	214
Kibworth	142
Kidderminster	270
Kidwelly	312
Kilbirnie	338
Kilburn, N.W.	172, 192
Kildysart	398
Kilfenora	398
Kilkenny	394
Killamarsh	36
Killarney	402
Kilmalcolm	382
Kilmarnock	338
Kilmihil	398
Kiltimagh	388
Kiltyclogher	388
Kilwinning	340
Kimbolton	86
Kincardine	378
Kinghorn	354
Kingsbridge	42
King's Heath	270
Kingsland, N.	172
Kingsley	14
King's Lynn	200
King's Norton	270
Kingston-on-Thames	244
Kingstown	394
Kingussie	360
Kinsale	400
Kinsley	288
Kintore	334
Kirkby Lonsdale	260

Index to places at which Science and Art Schools and Classes are held—*cont.*

INDEX TO PLACES AT WHICH SCHOOLS AND CLASSES ARE HELD.

Place.	Page.
Kirkcaldy	354
Kirkcudbright	362
Kirkham	108
Kirkintilloch	346
Kirkwall	378
Kirriemuir	358
Kirton	150
Kirton-in-Lindsey	150
Knaresborough	290
Knockando	352
Knottingley	290
Knutsford	14
Lacken	398
Lacock	264
Lambeth, S.E.	172
Lampeter	310
Lamplugh	28
Lanark	374
Lancaster	108–110
Landrake	20
Langholm	346
Langley Mill	36
Langley Moor	56
Langport	226
Langside	382
Langwathby	28
Lanner	22
Largoward	354
Larkhall	374
Larne	406
Launceston	22
Law	374
Lavender Hill, S.W.	172
Lavenham	240
Laxfield	240
Leamington	258
Leatherhead	244
Lee, S.E.	172
Leeds	290–292
Leek	232
Leicester	142–144
Leicester Square, W.C.	172
Leigh	110
Leighton Buzzard	2
Leith	350
Lemington	208
Lenzie	346
Leominster	84
Leslie	354
Letterkenny	408
Leven	354
Lewes	250
Leyton	66
Leytonstone	66
Lhanbryde	352
Lichfield	232
Lifford	408
Limehouse, E.	174
Limerick	402
Lincoln	150
Lindal	110
Lindley	294
Lingdale	294
Lingwood	200
Linlithgow	376
Linton	36
Lintz Green	56
Liphook	78
Lisburn	406
Liscard	14
Liskeard	22
Lismore	404
Listowel	402
Littleborough	110
Little Hulton	110
Little Lever	110
Little Somerford	264
Liverpool	110–112–114–116–118–120
Liversedge	294
Llanarth	310
Llanbradach	322
Llandilo	312
Llandovery	312
Llanelly	312
Llanelwedd	330
Llangadock	314
Llangefni	310
Llanfallteg	334
Llangollen	314
Llanon	310
Llansamlet	322
Llanuwchllyn	328
Llwynhendy	314
Llwynpia	322
Loanhead	350
Lochgelly	354
Lochmaben	346
Lockerbie	346
Londonderry	410
Long Buckby	204
Long Eaton	36
Long Marton	260
Long Sutton	150
Longton	232
Longtown	28
Longwood	294
Looe (East)	22
Lostwithiel	22
Loughborough	144
Loughor	324
Loughrea	388
Louth	150
Lowestoft	340
Low Moor	294
Low Waters	374
Luddendenfoot	294
Ludlow	224
Lugar	340
Lurgan	408
Luthermuir	360
Luton	2
Lybster	342
Lydbrook	76
Lydney	76
Lye	270
Lymm	14
Lytham	120
Macclesfield	14
Macduff	342
Machen	196
Machynlleth	328
Macroom	400
Madeley	224
Madron	22
Maesteg	322
Maidenhead	2
Maidstone	92
Maldon	66
Malmesbury	264
Malton	296
Malvern	270
Manchester	120–122–124–126
Mansfield	214
Manthorpe	150
Mapplewell	294
March	8
Margam	324
Margate	92
Market Bosworth	144
Market Harborough	144
Market Rasen	150
Markinch	354
Marlborough	264
Marple	14
Marple Bridge	36
Marske-by-the-Sea	294
Marske (New)	294
Martock	224

INDEX TO PLACES AT WHICH SCHOOLS AND CLASSES ARE HELD.

Index to places at which Science and Art Schools and Classes are held—*cont.*

Place.	Page.
Maryhill	374
Marylebone, W.	174
Maryport	28
Matlock Bath	36
Mauchline	340
Mawgan	22
Mawnan Smith	22
Maybole	340
Measham	36
Meelin	400
Melbourne (Derbyshire)	36
Melksham	264
Meltham	294
Melton Constable	200
Melton Mowbray	166
Menai Bridge	310
Menheniot	22
Mere	264
Merthyr Tydfyl	322
Merthyr Vale	322
Merton	244
Methil	354
Methlick	334
Mexborough	294
Mey	348
Mid Calder	350
Middlesbrough-on-Tees	294
Middlestown	296
Middleton	126
Middleton-in-Teesdale	56
Middlewich	14
Midhurst	250
Mile End, E.	174
Milford	408
Millbrook	22
Millom	30
Millstreet	400
Milnrow	126
Milnthorpe	262
Mirfield	296
Modbury	42
Moira (Leics.)	146
Moira (Down)	410
Mold	316
Molesey (East)	244
Monaghan	412
Monk's Kirby	258
Monmouth	198
Montrose	358
Moorfields, E.C.	174
Moor Row	30
Morecambe	126
Morley	296
Morpeth	208
Morriston	326
Mortlake	244
Mossley	126
Moss Side	126
Moston	126
Motherwell	374
Moulton	150
Mountain Ash	322
Mount Hawke	22
Mount Sorrel	146
Much Wenlock	224
Muirkirk	340
Mumbles	322
Murton Colliery	56
Mytholmroyd	296
Nailsworth	76
Nairn	376
Nantwich	14
Nantyglo	198
Nantymoel	326
Narbeth	330
Neath	322
Neatishead	200
Necton	200
Neilston	382
Nenagh	404
Nelson (Lancs.)	126
Nenthead	30
Netherfield	214
Newark	216
Newbottle	56
New Brancepeth Colliery	58
New Brighton	16
Newburgh (Aberdeen)	334
Newburgh-on-Tay	354
Newburn	208
Newbury	2
Newcastle Emlyn	310
Newcastle-on-Tyne	208–210–212
Newcastle-under-Lyme	234
Newcastle (West)	402
Newceston	400
New Chesterton	8
New Church	126
New Craighall	350
New Cross, S.E.	176
New Cumnock	340
New Deer	334
Newhall	36
Newington, S.E.	176
Newlyn (West)	22
Newmains	374
New Mills	38
Newmilns	340
Newport (Isle of Wight)	78
Newport (Mon.)	198
Newport Pagnell	6
Newport (Salop)	224
New Quay	310
Newry	410
New Seaham	58
New Shildon	58
New Silksworth	58
Newton Abbot	44
Newton Heath	126
Newton Stewart	386
Newtown	328
Newtown Barry	396
Normanby	296
Normanton	296
North Allerton	296
Northampton	206
North Berwick	358
Northfleet	92
North Tawton	44
North Walsham	200
Northwich	16
North Wingfield	38
Norton	38
Norwich	200–202
Norwood (West), S.E.	176
Norwood (South), S.E.	244
Nottingham	216–218
Notting Hill Gate, W.	176
Nuneaton	258
Oakamoor	234
Oakham	220
Oakengates	224
Oakenshaw	58
Oaksey	264
Oakworth	296
Oban	336
Ochiltree	340
Ockbrook	38
Odiham	78
Ogmore Vale	322
Okehampton	44
Oldbury	270
Oldcastle	396
Old Cumnock	338
Old Ford, E.	176
Oldham	128
Oldhill	234
Old Kent Road, S.E.	176
Old Street, E.C.	178
Olney	6
Omagh	412
Ongar	66
Openshaw	128

Index to places at which Science and Art Schools and Classes are held—*cont.*

INDEX TO PLACES AT WHICH SCHOOLS AND CLASSES ARE HELD.

Place.	Page.
Ormskirk	128
Orsett	66
Ossett	296
Oswaldtwistle	128
Oswestry	224
Otford	92
Otley	296
Oundle	206
Ouston	58
Ovenden	296
Oxford	220
Paddington, W.	178
Padiham	130
Paignton	44
Paisley	382
Pallas Green	402
Parkgate	296
Parkstone	48
Patricroft	130
Peckham, S.E.	178
Peebles	378
Pelton Fell	58
Pembroke	330
Pembroke Dock	330
Penarth	324
Pencader	314
Pendeen	22
Pendlebury	130
Pendleton	130
Penge	178
Penistone	296
Penketh	130
Penrhiwceiber	324
Penrhyn Deudraeth	328
Penrith	30
Pentonville, N.	178
Pentredwr	324
Penwortham	130
Penygraig	324
Penzance	22
Persie Blackwater	380
Perth	380
Peterborough	206
Peterhead	334
Petersfield	78
Pickering	298
Pewsey	264
Pilsley	38
Pimlico, S.W.	180
Pinner	192
Pitlochry	380
Plumstead	180
Plymouth	44
Pollokshields	374
Polruan	24
Pontardawe	324
Pontardulais	324
Pontefract	298
Pontlanfraith	198
Pontlottyn	324
Pontycymmer	324
Pontypool	198
Pontypridd	324
Poole	48
Portadown	408
Portarlington	396
Portchester	78
Port Glasgow	382
Porth	324
Porthcawl	324
Porthleven	24
Portland	48
Portmahomack	384
Portree	360
Portrush	416
Portsmouth	78–80
Portsoy	342
Prescot	130
Preston	130–132
Prestwich	132
Princes Risborough	6
Prittlewell	66
Pudsey	298
Purley	244
Purton	264
Putney, S.W.	180
Queensbury	298
Queen's Park, W.	182
Queenstown	410
Quorn	146
Radcliffe	130
Radernie	360
Rainham	92
Ramsbottom	132
Ramsey	86
Ramsgate	92
Rastrick	298
Rathfarnham	394
Raunds	206
Rawtenstall	132
Rayleigh	66
Reading	4
Redcar	298
Redding	386
Redditch	270
Redhill (Surrey)	244
Redhill (Down)	410
Redruth	24
Regent Street, W.	182
Reigate	244–246
Renfrew	382
Retford	218
Rhodes	132
Rhydlewis	312
Rhyl	316
Rhymney	198
Richmond (Surrey)	246
Riddings	38
Ringwood	80
Ripley (Derbyshire)	38
Ripley (Yorkshire)	242
Ripon	298
Ripponden	298
Risca	198
Rishton	132
Rochford	68
Rochdale	132
Rochester	92
Rochestown	400
Rodbourne	264
Rodley	298
Romford	68
Rosehall	386
Ross	84
Rotherham	298
Rotherhithe, S.E.	182
Rothesay	342
Row	346
Royston	8
Royton	134
Ruan Minor	24
Rugby	258
Runcorn	16
Rushden	206
Rutherglen	374
Ryde (Isle of Wight)	80
Ryhope	58
Ryton	58
Sacriston	58
Saffron Hill, E.C	182
Saffron Walden	68
St. Agnes	24
St. Albans	86
St. Andrew's	356
St. Asaph	316
St. Austell	24
St. Breage	24
St. Buryan	24

INDEX TO PLACES AT WHICH SCHOOLS AND CLASSES ARE HELD.

Index to places at which Science and Art Schools and Classes are held—*cont.*

Place.	Page.
St. Day	24
St. Fergus	334
St. George's	224
St. Germans	24
St. Helen's Auckland	58
St. Helen's (Lancs.)	134
St. Ives (Cornwall)	24
St. Ives (Hunts)	86
St. John's Wood, N.W.	182
St. Just	24
St. Keverne	24
St. Martin's, W.C.	182
St. Neot's	86
St. Pancras, N.W.	184
Salcombe	44
Sale	16
Salford	134–136
Salisbury	264
Saltash	24
Saltburn-by-the-Sea	298
Saltcoats	340
Saltley	258
Sanday	378
Sandbach	16
Sandhurst	94
Sanquhar	348
Sarnau	312
Saul	76
Sawley	38
Saxmundham	240
Scarborough	300
Scorton	300
Scunthorpe	150
Seacombe	16
Seaham Harbour	58
Seaton Delaval	214
Sedberg	300
Sedgebrook	150
Selby	300
Selkirk	384
Selly Oak	270
Sevenoaks	94
Seven Sisters	324
Shaftesbury	48
Shanklin (Isle of Wight)	80
Shap	262
Shaw	136
Sheerness	94
Sheffield	300–302–304
Shepton Mallet	228
Sherborne	48
Shifnal	224
Shipley (Derbyshire)	38
Shipley (Yorkshire)	304
Shipston-on-Stour	270
Shirland	38
Shoreham (Sussex)	250
Shotton	316
Shotts	374
Shrewsbury	224
Sibford Ferris	220
Silsden	304
Silvertown, E.	68
Sittingbourne	94
Skelmersdale	136
Skelton-in-Cleveland	304
Skewen	326
Skibbereen	400-402
Skinningrove	304
Skipton	304
Slamannan	386
Slaithwaite	304
Sleaford	150
Sligo	390
Slough	6
Smethwick	234
Solihull	260
Somer's Town, N.W.	184
Southall	192
Southampton	82
South Bank	304
Southborough	94
South Church	58
Southend	68
South Hetton	58
South Kirkby	304
South Lambeth, S W.	184
South Molton	44
South Moor	58
Southport	136
South Shields	60
Southwark, S.E.	184
Southwell	218
Sowerby Bridge	304
Spalding	150
Spittal (Scotland)	342
Spondon	38
Stacksteads	136
Stafford	234
Staines	192
Stainland	304
Stalbridge	48
Stalham	202
Stalybridge	16
Stamford	152
Stanford-le-Hope	68
Stanhope	60
Stanley	60
Stanningley	306
Stantonbury	6
Stapleford	218
Staveley	38
Stepney, E.	184
Stevenston	340
Stirchley	270
Stirling	386
Stockport	16-18
Stockton-on-Tees	60
Stockwell, S.W.	184-186
Stoke Newington, N.	186
Stoke-on-Trent	234
Stokesley	306
Stone	234
Stonebroom	38
Stonehaven	360
Stonehouse (East)	46
Stony Stratford	6
Stornoway	384
Stourbridge	270
Stourport	272
Stowmarket	242
Stradbroke	288
Stradone	408
Strand, W.C.	186
Stratford, E.	68
Stratford-on-Avon	260
Strathaven	376
Strathbungo	376
Stratton	24
Stratton-on-the-Fosse	228
Stromness	378
Strood	94
Stroud	76
Sturminster Newton	48
Sudbury	242
Sunderland	62-64
Surbiton	246
Sutterton	152
Sutton (Surrey)	246
Sutton Bonnington	218
Sutton Coldfield	260
Sutton-in-Craven	306
Swadlincote	38
Swaffham	202
Swalwell	64
Swanley	94
Swansea	326
Swanwick	38
Swindon	264-266
Swinton (Lancs.)	136
Swinton (Yorks)	306
Sydenham, S.E.	186
Syston	146

INDEX TO PLACES AT WHICH SCHOOLS AND CLASSES ARE HELD.

Index to places at which Science and Art Schools and Classes are held—*cont.*

Place.	Page.
Tadcaster	306
Taibach	326
Tain	384
Tamworth	234
Tarbert (Lock Fyne)	336
Tarbolton	340
Taunton	228
Tavistock	46
Tayport	356
Teddington	193
Teignmouth	46
Tenby	330
Tetbury	76
Tetney	152
Tewkesbury	76
Thame	220
Thetford	202
Thornaby-on-Tees	306
Thorne	306
Thornton (Yorks)	306
Thornton (Fife)	356
Thornton Heath	246
Thrapston	206
Thurles	404
Thurso	342
Tideswell	38
Tillicoultry	344
Tintwistle	18
Tipton	234
Tisbury	266
Tiverton	46
Todmorden	136
Tollington Park, N.	186
Tonbridge	94
Ton Pentre	326
Tonyrefail	326
Tooley Street, S.E.	186
Tooting, S.W.	186
Torpoint	26
Torquay	46
Torryburn	356
Totnes	46
Tottenham	192-194
Tottenham Court Road, W.C.	186
Towcester	206
Towyn	328
Tralee	402
Trawden Forest	136
Trealaw	326
Tredegar	198
Treharris	326
Treherbert	326
Treorchy	326
Trimdon Grange	64
Tring	86
Troon	26
Trowbridge	266
Truro	26
Tuam	388
Tullamore	394
Tunbridge Wells	94
Tunstall	236
Tupton	40
Turriff	336
Turton	136
Tweedmouth	214
Tyldesley	138
Uckfield	250
Uddingston	376
Ulverston	138
Union Hall	402
Upholland	138
Upper Largo	356
Uppermill	306
Upper Stratton	266
Upton	202
Urchfont	266
Urmston	138
Usk	198
Uttoxeter	236
Uxbridge	194
Vauxhall, S.W.	188
Ventnor (Isle of Wight)	82
Wakefield	306
Walcot	152
Walkden	138
Walker-on-Tyne	214
Wallasey	18
Wallingford	4
Wallington	246
Wallsend-on-Tyne	214
Walsall	236
Walsden	138
Waltham Cross	86
Walthamstow	68
Walworth, S.E.	188
Wandsworth, S.W.	188
Wandsworth (New)	176
Wanstead	70
Wantage	4
Warboys	86
Ware	86
Wareham	48
Warminster	266
Warrington	138
Warwick	260
Waterfoot	138
Waterford	404
Waterhouses	64
Waterloo Road, S.E.	188
Waterside	340
Watford	86
Wath-on-Dearne	308
Watten	342
Wavertree	138
Weaverham	18
Wednesbury	236
Wellingborough	206
Wellington (Salop)	224
Wellington (Somerset)	228
Wells (Norfolk)	202
Wells (Somerset)	228
Welshpool	328
Westbourne Grove, W.	188
West Bromwich	236
Westbury	266
West Calder	350
West Houghton	138
West Kirby	18
Westminster, S.W.	188
Westminster Bridge Road, S.E.	188
Weston-super-Mare	228
Wexford	396
Weymouth	48
Whaleybridge	40
Whalley	140
Wharncliffe	308
Whetstone	146
Whitby	308
Whitford	316
Whitechapel, E.	190
Whitefield	140
Whitehaven	30
Whiteinch	382
Whiterigg	376
Whithorn	386
Whitland	314
Whittington Moor	40
Whittington (New)	40
Whittington (Old)	40
Whittlesey	8
Whitworth	140
Wick	344
Wicklow	396
Widnes	140
Wigan	140
Wigton	30
Willenhall	236
Willington	64
Willington Quay	214
Williton	228
Wilton	265

INDEX TO PLACES AT WHICH SCHOOLS AND CLASSES ARE HELD.

Index to places at which Science and Art Schools and Classes are held—*cont.*

Place.	Page.	Place.	Page.
Wimborne	48	Woodhouse Eaves	146
Wincanton	228	Woodland	64
Winchester	82	Woolstone	82
Windermere	262	Woolwich	190
Windhill	308	Worcester	272
Windsor	4	Wordsley	238
Windygates	356	Workington	30
Winsford	18	Worksop	220
Winslow	6	Worthing	250
Winterton	152	Wortley (Lower)	308
Wirksworth	40	Wrexham	314
Wisbech	8–10	Wrockwardine Wood	224
Wishaw	376	Wymondham	204
Witham	70		
Witney	220		
Witton	18	Yalding	94
Wiveliscombe	228	Yarm	308
Woking	246	Yarmouth (Great)	204
Wokingham	4	Yatton	228
Wolstanton	238	Yatton Keynell	266
Wolverhampton	238	Yeadon	308
Wolverton	8	Yeovil	228
Wombwell	308	York	308
Wooburn	8	Youghal	402
Woodbridge	242	Ystalyfera	326
Woodford	206	Ystradgynlais	310
Wood Green, N.	194	Ystrad-Rhondda	328

TABLE

SHOWING

(*a*) ALL SCHOOLS OF ART,

(*b*) SCIENCE SCHOOLS AND ART CLASSES WHICH HAVE BEEN RECOGNISED AS PERMANENTLY CONNECTED WITH THE DEPARTMENT OF SCIENCE AND ART,

(*c*) OTHER SCHOOLS WHICH HAVE BEFORE THE 1st OCTOBER 1895 SUBMITTED TO THE DEPARTMENT TIME-TABLES FOR THE SESSION 1895–96, GIVING THE NAMES OF THE PROPOSED SECRETARIES AND TEACHERS, AND THE ESTIMATED TOTAL NUMBER OF STUDENTS UNDER INSTRUCTION IN SCIENCE AND IN ART RESPECTIVELY, FOR EACH SCHOOL; AND SUBJECTS OF SCIENCE INSTRUCTION, WITH THE ESTIMATED NUMBER OF STUDENTS IN EACH SUBJECT.

TABLE showing (*a*) ALL SCHOOLS OF ART, (*b*) SCIENCE SCHOOLS and ART CLASSES and ART, (*c*) OTHER SCHOOLS which have before the 1ST OCTOBER 1895 submitted to posed SECRETARIES and TEACHERS, and the ESTIMATED TOTAL NUMBER of and SUBJECTS OF SCIENCE INSTRUCTION, with the ESTIMATED NUMBER of

Owing to the early date when the returns, from which this Table is compiled, were received from estimated an asterisk (*) is put in the column of the subject proposed. Those current Session are shown in italics, and the

A Signifies Schools of Art. A dagger (†) placed against the number of a school signifies that an Organised of Organised Science Schools. A complete list of

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Science.	I. Practical Plane & Solid Geometry.	II. Machine Construc^n & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	4 & 5.	6 & 7.	VI. Theoretical Mechanics, *Solids*.
	ENGLAND.													
	BEDFORDSHIRE.													
	AMPTHILL:													
4	*Girls' National School, Bedford Street.*	*1888*	*J. Ramsey* -	*J. Bucklow* -	*20*	*40*	*40*	..	*40*	..	..	..	..	..
	BEDFORD:													
2	Harpur Charity Boys' Elementary School.	1875	A. H. Allen -	E. S. Nightingale; G. M. T. Bates -; C. T. Hammond -; J. Bucklow - -; W. T. F. Trunchion - - -	50	100	5	30	15	..	45	..	..	10
12	Technical School, Priory Street.	1889	J. Ekins - -	J. Hamson - -; G. T. Smith -	..	*	..	..	..	..	..	..	..	..
	LEIGHTON BUZZARD:													
30	The Institute, North Street.	1892	J. T. Peers -	J. Bucklow -	50	..	..	..	..	..	..	..	..	..
	LUTON:													
20	Higher Grade Board School, Waller St.	1881	W. Hoyle -	I. Carruthers -; C. H. Breed -; H. C. Middle -; A. F. Austin -; W. J. Eastmond -; W. Green - -; J. T. Needham -; F. H. Shoosmith	70	300	70	..	..	..	50	..	..	..
21	Technical Class Rooms, 11, King Street.	1895	G. Sell - -	A. Sunderland -	..	12	..	..	..	..	..	..	..	..
20E	Studio, 5, George Street West.	1892	W. Hoyle -	I. Carruthers -	35	10	10	..	..	..	..	..	..	..
28	*Board School, Langley Street.*	*1891*	*W. N. Trustrum.*	*J. H. Dorry* -; *T. S. Dawson* -	..	*60*	..	*60*	..	..	..	..	..	..
	BERKSHIRE.													
	ABINGDON:													
127	County Hall, Market Place.	1892	A. H. Simpson	B. Stroud - -; A. J. Shirley -; W. J. E. Lasseter	30	12	..	..	..	..	..	..	..	..
	MAIDENHEAD:													
A117	School of Science and Art, Queen Street.‡	1881	J. Kick -	T. W. Cole - -; F. Emans - -; A. Smith - -; H. Lee - - -	150	20	12	..	12	..	..	..	..	..
	NEWBURY:													
104	Technical Institute, Northbrook Street.	1890	W. H. Belcher	W. C. Coles - -; J. W. Dodgson -; B. J. Austin -	150	50	10	10	10	..	..	..	..	..

which have been recognised as permanently connected with the DEPARTMENT of SCIENCE
the DEPARTMENT TIME-TABLES for the SESSION 1895–96, giving the NAMES of the pro-
STUDENTS under INSTRUCTION in SCIENCE and in ART, respectively for each school ;
STUDENTS in each Subject.

the Schools, only the probable number of students is given, and where the number could not be
Schools falling under Division (*b*) which have not furnished the Statistics for the
particulars printed are those supplied last Session.

Science School is also held in the same building. The statistics given in this table do not include students
Organised Science Schools will be found at page 414.

VIB. Theoretical Mechanics, *Fluids*.	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	VIIIA. Sound.	VIIIB. Light.	VIIIC. Heat.	A.VIII & IX. Alternative Physics.	IX. Magnetism and Electricity.	X. *t*. Inorganic Chemistry (Theory).	X. *p*. Inorganic Chemistry (Practl.)	XI. *t*. Organic Chemistry (Theory).	XI. *p*. Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Human Physiology.	XV. General Biology.	XVI. Zoology.	XVII. Botany.	XVIII. Principles of Mining.	XIX. Metallurgy, Theory.	XIX. *p*. Metallurgy, Pracl.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.	XXV. Hygiene.
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ENGLAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Science.	I. Practical Plane & Solid Geometry.	II. Machine Construcⁿ & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	4 & 5.	6 & 7.	VI a. Theoretical Mechanics, *Solids.*
	BERKSHIRE—*cont.*													
	READING:													
A *101*	*School of Science and Art, University Extension College, Valpy Street.*	*1860*	*F. H. Wright*	*H. D. Barkas* - *J. E. Drew* - *H. A. Barkas* - *R. B. Poynder* - *B. J. Austin* - *D. A. Gilchrist, B.Sc.* - *G. J. Burch, M.A.* - *J. W. Dodgson* - *H. Hutt* - *E. H. Blake* - *E. C. Pollard, B.Sc.* - *T. H. Ward* - *A. N. Halpin, M.A.* - *P. H. Foulkes, B.A.* - *E. T. Caton, B.A.* - *A. L. Dixon, M.A.* - *H. N. Dickson* - *A. H. Green, M.A.* -	*300*	*150*	*65*	*6*	*86*	..	*12*	..	..	..
110	Kendrick Boys' School, Queen's Road.	1878	E. Francis -	H. A. Barkas - E. Priestley, B.A. A. A. Lintern, B.A., B.Sc. - A. T. Cowling - A. Keeble -	80	65	..	..	..	..	50	..	..	..
110A	Kendrick Girls' School, Watlington Street.	1894	" -	H. A. Barkas - G. C. Rundell - A. M. Langley - K. M. Aldis -	50	50	..	..	..	..	25	..	..	..
102	Blue Coat School, Bath Road.	1890	E. Morris -	J. Mumford - J. E. Drew -	..	18	18	..	..	..	16	..	..	..
	WALLINGFORD:													
121	Girls' Grammar School, High Street.	1891	J. M. Marshall	F. M. Carter - M. A. Nugent -	17	17	..	..	..	..	..	..	..	..
	WANTAGE:													
128	*King Alfred's Grammar School, The Portway.*	*1893*	*E. B. Ormond*	*E. J. Piggott* - *W. H. Careless* - *G. Hefford* - *H. Long* -	*20*	*35*	..	..	..	..	*15*	..	..	..
	WINDSOR:													
103	Albert Institute, Sheet Street.	1892	E. H. Lewis -	C. T. Hollis -	30	*	*	..	..	..	..	..	..	..
	WOKINGHAM:													
126	Terrace Room, The Terrace.	1892	J. May -	H. D. Barkas - H. A. Barkas - R. B. Poynder - E. H. Blake -	60	25	5	..	20	..	..	..	..	..
	BUCKINGHAMSHIRE.													
	ASTON-CLINTON:													
217	Girls' School, London Road.	1891	H. Gunn -	F. B. Fells - J. Peek -	21	21	21	..	..	..	..	..	..	..
	AYLESBURY:													
216	British School, Church Row.	1884	" -	E. J. Stedman - G. Crook - G. H. Miller - H. E. Brewer -	60	40	10	..	15	..	..	..	..	..

ENGLAND.

VIb. Theoretical Mechanics, *Fluids*.	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	VIIIa. Sound.	VIIIb. Light.	VIIIc. Heat.	*A*.VIII. & IX. Alternative Physics.	IX. Magnetism and Electricity.	X. *t*. Inorganic Chemistry (Theory).	X. *p*. Inorganic Chemistry (Practl.)	XI. *t*. Organic Chemistry (Theory).	XI. *p*. Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Human Physiology.	XV. General Biology.	XVI. Zoology.	XVII. Botany.	XVIII. Principles of Mining.	XIX. Metallurgy, Theory.	XIX. *p*. Metallurgy, Pract.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.	XXV. Hygiene.
..	..	..	..	..	..	*8*	*6*	*30*	*38*	*5*	..	*6*	..	*16*	..	..	*15*	..	..	..	..	..	..	..	*8*	*12*
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ENGLAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Science.	I. Practical Plane & Solid Geometry.	II. Machine Construc. & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	4 & 5.	6 & 7.	VIA. Theoretical Mechanics, Solids.
	BUCKINGHAMSHIRE —*cont.*													
	BUCKINGHAM:													
218	*St. John's Royal Latin School, Market Hill.*	*1886*	*O. E. Bennett*	*G. H. Poll - -* *A. Hogg - -*	*60*	..	..	..	..	..	..	..	..	..
	CHESHAM:													
221	Board School, Whitehill Road.	1890	G. Wallington	S. J. Dodd - - E. A. C. Golding	30	18	..	..	..	..	..	..	..	..
221A	*Mechanics' Institute* -	*1894*	"	*A. E. Larking* -	..	*	..	..	..	..	..	..	..	..
	GREAT MARLOW:													
220	Institute, Institute Road.	1890	Miss J. Hide -	H. Bayfield - -	40	..	..	..	..	..	..	..	..	..
	GREAT MISSENDEN:													
222	*National School, Church Street.*	*1892*	*F. Welch* -	*E. Hurskine* -	*30*	..	..	..	..	..	..	..	..	..
	HADDENHAM:													
225	Board School - -	1892	Rev. J. Edwards.	W. J. White - -	25	..	..	..	..	..	..	..	..	..
	HIGH WYCOMBE:													
A202	School of Science and Art, Frogmore Gardens.	1870	W. T. Pycraft	H. Bayfield - - A. A. Lintern, B.A., B.Sc. - E. Catton - -	100	30	..	..	..	..	..	..	..	..
	IVER:													
223	*Village Hall, High Street.*	*1892*	*E. Lovejoy* -	*H. R. Ounsworth*	*18*	*16*	*12*	..	..	..	..	..	..	..
	NEWPORT PAGNELL:													
206B	Boys' British School, High Street.	1888	R. King - -	O. H. Bull - - W. H. Taylor - J. T. Whitmee -	30	40	..	15	..	..	..	..	..	..
	OLNEY:													
210	Board School, High Street.	1878	A. Allen - -	G. E. Eady - -	20	..	..	..	..	..	..	..	..	..
	PRINCES RISBOROUGH:													
226	National Schoolroom -	1892	S. Adcock -	C. S. Brice - -	10	10	10	..	..	..	..	..	..	..
	SLOUGH:													
204	Technical School, Leopold Institute, High Street.	1888	C. Godfrey -	L. H. Taffs - - R. Hallam - - M. F. Cantrell - A. G. Atkinson - H. D. Bowyer - H. Moss - -	40	50	10	..	10	..	10	..	..	..
213	British Orphan Asylum, Mackenzie Park.	1883	G. H. Charsley	W. D. Shuard -	40	40	..	..	..	..	..	..	..	..
	STANTONBURY:													
206D	National School -	1892	R. King - -	W. Stanley - - T. W. Arkwright	18	15	..	15	..	..	..	..	..	..
	STONY STRATFORD:													
206A	St. Mary's School, Wolverton End.	1888	" - -	A. E. Abbott - D. Jones - - H. R. Cowley - E. G. Willoughby	50	40	..	..	..	..	15	..	..	..
	WINSLOW:													
209	*Girls' National School, Church Street*	*1888*	*P. H. Eliot* -	*A. Rich* - -	*30*	..	..	..	..	..	..	..	..	..

ENGLAND.

Theoretical Mechanics, *Fluids*. VIb.	Applied Mechanics. VII.	Sound, Light, and Heat. VIII.	Sound. VIIIa.	Light. VIIIb.	Heat. VIIIc.	Alternative Physics. *A*.VIII. & IX.	Magnetism and Electricity. IX.	Inorganic Chemistry (Theory). X. *t*.	Inorganic Chemistry (Practl.) X. *p*.	Organic Chemistry (Theory). XI. *t*.	Organic Chemistry (Practical). XI. *p*.	Geology. XII.	Mineralogy. XIII.	Human Physiology. XIV.	General Biology. XV.	Zoology. XVI.	Botany. XVII.	Principles of Mining. XVIII.	Metallurgy, Theory. XIX.	Metallurgy, Pracl. XIX. *p*.	Navigation. XX.	Nautical Astronomy. XXI.	Steam. XXII.	Physiography. XXIII.	Principles of Agriculture. XXIV.	Hygiene. XXV.
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ENGLAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.
	BUCKINGHAMSHIRE —*cont.*			
	WOLVERTON:			
206	Science and Art Institute, Church Street.	1864	R. King -	Rev. W. L. Harnett, M.A. - V. B. Smith, B.Sc. E. G. Oliver - H. J. Coker - H. E. Morrall - W. Bayliss - A. E. Abbott - J. Plant - W. H. Bettle - O. H. Bull - W. Applin - H. J. Hippsley -
	WOOBURN:			
231	Town School - -	1893	R. Loosemore	J. Greenwood -
	CAMBRIDGESHIRE.			
	CAMBRIDGE:			
301	Higher Grade Girls' School, Park Street.	1890	J. H. Bullock, M.A.	L. M. Evans - E. H. Gowers - A. Dovey - A. M. Davis -
303	Boys' Higher Grade School, Paradise St.	1873	" -	J. W. Iliffe, M.A. F. M. Rushmore A. W. Stote -
A304	School of Science and Art, Guildhall Market Place.	1858	W. M. Fawcett	P. Hall - E. F. Southgate -
†*318*	*Perse Grammar School, Hills Road.*	*1885*	*A. P. Dixon* -	*W. R. Gurley, B.A.* *J. H. Widdicombe, B.A.*
325	*Technical Institute, East Road.*	*1894*	*A. Keen* - -	*F. J. Stoakley* - *E. H. Smith* - *J. Mullett, M.A.* *A. S. Shrubbs* - *T. D. Atkinson* -
	ELY:			
312	Boys' National School, Silver Street.	1891	Rev. E. H. Lowe.	J. S. Barnett -
312A	Needham's School, Back Hill.	1892	" -	H. S. Boyden -
	MARCH:			
317	The Grammar School, Station Road.	1888	F. J. Wise -	H. C. Pilsbury - F. L. Underwood
	NEW CHESTERTON:			
326	St. Luke's Boys' School, Victoria Road.	1895	C. Graham -	J. A. Emmerson W. H. Berridge -
	ROYSTON:			
322	Institute, Melbourne Street.	1892	Miss A. Smith	A. W. Addison -
	WHITTLESEY:			
321	School of Technical and Manual Instruction, Church Street.	1891	B. Weldon -	H. C. Pilsbury -
	WISBECH:			
308	Grammar School, Upper Hill Street.	1891	J. H. Dennis -	A. W. Poyser, M.A.

ENGLAND.

Theoretical Mechanics, *Fluids.* VIb.	Applied Mechanics. VII.	Sound, Light, and Heat. VIII.	Sound. VIIIa.	Light. VIIIb.	Heat. VIIIc.	Alternative Physics. VIII. & IX.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	...logy. XIV.	General Biology. XV.	Zoology. XVI.	Botany. XVII.	Principles of Mining. XVIII.	Metallurgy, Theory. XIX.	Metallurgy, Pract. XIXp.	Navigation. XX.	Nautical Astronomy. XXI.	Steam. XXII.	Physiography. XXIII.	Principles of Agriculture. XXIV.	Hygiene. XXV.
10	*	20	..	..	12	..	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	..	..	..	..	40	..	..	..	..	..	10	12
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ENGLAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Science.	I. Practical Plane & Solid Geometry.	II. Machine Construcn & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	4 & 5.	6 & 7.	VIA. Theoretical Mechanics, *Solids.*
	CAMBRIDGESHIRE—*cont.*													
	WISBECH—*cont.*													
319	School of Science and Technology, Great Church Street and Public Hall, Upper Hill Street.	1892	J. H. Dennis	F. Stratton E. M. Leach A. W. Poyser, M.A. E. Chivers	130	50	10	..	..	..	15	..	..	..
	CHESHIRE.													
	ALSAGER:													
415	*New School-room, Science and Art Class, Crewe Road.*	*1887*	*H. Crutchley, M.D.*	*S. Oswald*	*16*	*6*	*6*	..	..	..	..	..	..	..
	ALTRINCHAM:													
401	*Technical School, George Street.*	*1878*	*B. Clegg*	*H. Meadows* *W. Perry* *J. Broadbent* *S. A. Hildage* *J. H. Carr*	*80*	*40*	*14*	*10*	*12*	..	*10*	..	..	..
468	*British School, Oxford Road.*	*1886*	*G. F. Armitage, J.P.*	*J. Ferguson* *A. W. Boucher*	..	*25*	..	..	..	..	*25*	..	..	..
	BEBINGTON (LOWER):													
410	Gladstone Hall, Greendale Road, Port Sunlight.	1892	J. Barrow	H. L. Edwards	..	25	..	..	..	..	..	..	..	..
	BIRKENHEAD:													
A 403	Laird School of Science and Art, Park Road North.	1855	H. Hothersall	J. Bentley L. Thomas W. H. Chaplin M. Nutt H. R. Callagan J. Hay W. Griffiths	250	100	100	..	20	..	..	..	..	..
429	*School of Science and Art, The Holt, Tranmere.*	*1880*	"	*J. Bentley* *J. E. Lloyd-Barnes* *J. H. Gibson* *J. N. Downward* *Dr. G. Tate* *F. C. Dales* *D. Linekar* *T. T. Rees* *P. F. Gillies, B.Sc.* *M. J. Johnson*	*80*	*400*	*50*	*100*	*80*	*30*	*90*	..	..	..
470	Claughton Higher Grade School, Borough Road.	1885	J. P. Eglin	J. P. May R. Woods T. McCreath	..	50	..	..	..	..	..	..	..	..
477	*Pupil Teachers' Central Classes, St. John's School, Oliver Street.*	*1889*	*A. B. Earle*	*M. Brownlie, LL.A.* *E. Greaves* *R. Beynon* *J. Hall* *A. E. Foster*	*70*	*70*	*36*	..	..	..	..	..	..	..
451	*St. James' Schools, Laird Street.*	*1888*	*T. W. Tetley*	*E. Greaves*	..	*6*	*6*	..	..	..	*6*	..	..	*6*
483	High School for Girls, 1, Whetstone Lane.	1891	Madame H. Duckett.	S. Walsh A. McGrath A. Evans	15	41	1	..	..	..	..	..	..	..
	BOLLINGTON:													
476	Sunday School, Palmerston Street.	1893	Miss A. Oliver	J. Ward A. A. Barton T. Barrett	50	..	..	..	..	..	..	..	..	..

ENGLAND.

Theoretical Mechanics, *Fluids*. VIb.	Applied Mechanics. VII.	Sound, Light, and Heat. VIII.	Sound. VIIIa.	Light. VIIIb.	Heat. VIIIc.	Alternative Physics. *A.* VIII. & IX.	Magnetism and Electricity. IX.	Inorganic Chemistry (Theory). X. *t.*	Inorganic Chemistry (Practl.) X. *p.*	Organic Chemistry (Theory). XI. *t.*	Organic Chemistry (Practical). XI. *p.*	Geology. XII.	Mineralogy. XIII.	Human Physiology. XIV.	General Biology. XV.	Zoology. XVI.	Botany. XVII.	Principles of Mining. XVIII.	Metallurgy, Theory. XIX.	Metallurgy, Pract. XIX. *p.*	Navigation. XX.	Nautical Astronomy. XXI.	Steam. XXII.	Physiography. XXIII.	Principles of Agriculture. XXIV.	Hygiene. XXV.
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ENGLAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Science.	I. Practical Plane & Solid Geometry.	II. Machine Construc^n & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1,2, 3.	4, & 5.	6 & 7.	VIA. Theoretical Mechanics, *Solids.*
	CHESHIRE—*cont.*													
	CHEADLE HULME:													
417	Orphan School	1873	W. H. Dean	G. Board, B.A. G. Stephenson E. J. Salmons F. Plews A. Molyneux	180	100	10	..	..	..	100	..	..	..
	CHESTER:													
†A405	School of Science and Art, Grosvenor Museum, Grosvenor Street.	1853	G. R. Griffith	W. G. Schröder W. Welsh J. A. McMichael W. E. Archer C. T. F. Watts J. W. Marriott J. Duff, M.A. A. W. Lucas J. D. Siddall A. E. Goodman W. Scott-Walker W. E. Parkinson R. H. Webster	200	250	•	•	•	..	•	..	..	•
	CONGLETON:													
485A	7, Swan Bank	1894	H. Latham	T. B. Gibbs J. A. Jewell H. B. Dutton	60	60	10	..	..	..	..	..	..	..
	CREWE:													
407	Mechanics' Institute, Prince Albert Street.	1860	J. Armstrong	R. W. White T. E. Sackfield W. Savage G. Ravenscroft W. Dishart D. Jones J. Hall T. Power J. G. Hatchard F. C. Tipler J. Bayley J. Poulson	90	430	80	150	20	..	100	..	..	30
458	Municipal Science and Art Classes, Assembly Hall, Meth. Free Ch. Schs., Hightown.	1882	J. Jenkins	J. Roberts J. H. R. Fisher L. Knight N. Hinchsliff	120	20	20	..	..	..	..	..	..	..
	DUKINFIELD:													
461	Astley Institute Technical School, Town Lane.	1869	E. B. Broadrick.	J. Stott A. R. Hoggins R. Shepherd F. Johnson S. C. Barlow W. M. Reynolds	30	150	•	•	•	..	•	..	..	..
	FRODSHAM:													
408	National Girls' Schoolroom, Church Street.	1894	S. Sharp	H. Bottomley	18	..	..	..	..	..	.		.	..
408A	Old Liberal Club, Main Street.	1894	"	J. G. Davies	..	12	12	..	..	..			..	..
	HALTON:													
487	Parochial School, Castle Hill.	1887	G. D. Wray	J. S. Jeacock	20	14	..	..	..	..			..	..
	HASLINGTON:													
427	*Boys' School*	*1892*	*G. Cooper*	*J. Mitchell*	..	*12*	..	..	..	..			..	..
	HAZEL GROVE:													
433	Wesleyan School, Chapel Street.	1888	S. C. Lord	A. E. Malburn	15	24	•	..	..	..			..	..

ENGLAND.

Theoretical Mechanics, *Fluids.* VIb.	Applied Mechanics. VII.	Sound, Light, and Heat. VIII.	Sound. VIIIa.	Light. VIIIb.	Heat. VIIIc.	Alternative Physics. *A.*VIII. & IX.	Magnetism and Electricity. IX.	Inorganic Chemistry (Theory). X. *t.*	Inorganic Chemistry (Practl.) X. *p.*	Organic Chemistry (Theory). XI. *t.*	Organic Chemistry (Practical). XI. *p.*	Geology. XII.	Mineralogy. XIII.	Human Physiology. XIV.	General Biology. XV.	Zoology. XVI.	Botany. XVII.	Principles of Mining. XVIII.	Metallurgy, Theory. XIX.	Metallurgy, Pracl. XIX. *p.*	Navigation. XX.	Nautical Astronomy. XXI.	Steam. XXII.	Physiography. XXIII.	Principles of Agriculture. XXIV.	Hygiene. XXV.
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ENGLAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Science.	I. Practical Plane & Solid Geometry.	II. Machine Construction & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	4 & 5.	6 & 7.	VIA. Theoretical Mechanics, Solids.
	CHESHIRE—*cont.*													
475	HOLLINGWORTH: Co-operative Hall, Market Street.	1885	W. Flint -	J. Shaw - -	25	..	..	..	..	..	..	..	..	..
409	HYDE: Borough of Hyde Technical School and Free Library, Market Street.	1865	T. Brownson -	W. Bridge - - D. S. Stewart, B.Sc. - - - S. C. Barlow - W. E. Berry - S. M. Walford - W. M. Craston - J. H. Smith - J. Mottram - - J. R. Ashworth, B.Sc. - - -	100	350	50	90	25	..	..	..	..	..
409A	Town Hall, Market Street.	1893	" -	T. Graham, M.A. F. E. Wood - -	..	95	..	..	..	..	60	2	2	..
423	KINGSLEY: National School -	1893	Rev. A. P. Reynolds.	T. G. Cole - -	..	12	..	..	..	..	..	..	..	..
438	KNUTSFORD: *Grammar School, The Heath.*	*1889*	*G. W. Bebbington.*	*Rev. J. T. Evans, B.A. - - - T. A. Cook - -*	*18*	*12*	..	..	..	..	*12*	..	..	..
A413	LISCARD: School of Science and Art, Liscard Hall, Central Park.	1891	J. H. Joynson	H. C. Jones - - W. Eggington -	100	..	..	..	..	..	..	..	..	..
491	LYMM: Grammar School -	1889	A. D. Moffat -	H. Pierpoint - J. E. Evans, M.A. — Dobson, B.A. -	20	15	10	..	..	..	15	..	..	..
A411	MACCLESFIELD: School of Science and Art, Park Lane.	1851	J. O. Nicholson.	J. Ward - - I. Varley - - A. A. Barton - J. Dale - - A. Wright - - R. C. Riseley - H. W. Cook, B.Sc. E. E. Slater - A. Rydings, B.Sc.	295	148	20	..	..	..	15	..	..	5
411A	Useful Knowledge Society's Rooms, Park Green.	1894	" -	H. W. Cook, B.Sc. T. Rhodes - - S. O. Lees - -	..	48	..	14	14	..	20	..	..	..
	MARPLE: Trinity Hall, Market Street.	1893	S. Dixon -	G. Driver - - E. Foster, B.Sc.	30	40	20	20	..	..	20	..	..	..
472	MIDDLEWICH: Technical School, Workman's Institute, Lewin Street.	1885	F. B. Cooke -	R. W. White -	15	..	..	..	..	..	..	..	..	..
498	NANTWICH: Parish Hall, Churchyard Side.	1892	C. E. Davenport.	J. Roberts - -	44	..	..	..	..	..	..	..	..	..
463	Wesleyan School, Hospital Street.	1883	J. Willett -	A. Maskelyne -	..	20	..	..	..	..	..	..	..	..
447	Willaston Primitive Methodist Class Rooms, Wistaston Road.	1895	S. Wood -	R. Baxendale -	..	24	24	..	..	..	..	..	..	..

ENGLAND.

Theoretical Mechanics, *Fluids*. VIB.	Applied Mechanics. VII.	Sound, Light, and Heat. VIII.	Sound. VIIIA.	Light. VIIIB.	Heat. VIIIC.	Alternative Physics. *A.*VIII. & IX.	Magnetism and Electricity. IX.	Inorganic Chemistry (Theory). X. *t.*	Inorganic Chemistry (Practl.). X. *p.*	Organic Chemistry (Theory). XI. *t.*	Organic Chemistry (Practical). XI. *p.*	Geology. XII.	Mineralogy. XIII.	Human Physiology. XIV.	General Biology. XV.	Zoology. XVI.	Botany. XVII.	Principles of Mining. XVIII.	Metallurgy, Theory. XIX.	Metallurgy, Pracl. XIX. *p.*	Navigation. XX.	Nautical Astronomy. XXI.	Steam. XXII.	Physiography. XXIII.	Principles of Agriculture. XXIV.	Hygiene. XXV.
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ENGLAND.

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	CHESHIRE—*cont.*													
	NEW BRIGHTON:													
422	*High School, Egerton Street.*	*1890*	*J. D. Ormrod*	*T. C. Robinson, B.A.* *E. S. Evans* *S. L. G. Frost*	75	75	..	..	..	..	20	..	..	..
	NORTHWICH:													
467	Elementary Day School, Dane Bridge, London Road.	1886	A. E. Thomas	T. A. Cook W. E. Fitton J. Bayley T. B. Jump C. E. Rogers S. C. Barlow W. O. Larmuth R. R. Rothwell H. Stevens	100	165	20	30	12	..	20	..	..	..
	RUNCORN:													
436	School of Science and Art, Technical Institute, Waterloo Road.	1895	E. Marshall	J. Skeaping E. J. Skeaping W. A. Warwick J. Speakman J. Wilding E. A. Atkins F. C. Dales B. Davies A. E. Larkman W. Wardlow B. Crosby T. W. Moore	50	75	*	*	*	*	*	..	..	*
	SALE:													
484A	Township School, School Road.	1893	G. Bethell	B. Alcock	50	10	*	..	..	..	..	..	..	..
	SANDBACH:													
439	Wesleyan School, Chapel Street.	1889	A. E. Stringer	R. W. White	80	..	..	..	..	..	..	..	..	..
439A	National School, The Square.	1895	"	W. L. Laurence	..	20	..	..	..	..	20	..	..	..
	SEACOMBE:													
443	Oakdale Technical Institute, Lucerne Road.	1893	Miss M. Stewart, LL.A.	J. Anderson	..	36	..	..	36	..	..	..	..	..
443A	Technical Institute, Church Road.	1893	"	G. Chambers D. Clague M. H. Lee P. R. Owen D. J. Woodley A. Wolstenholme E. S. Evans	50	130	18	16	..	..	18	..	..	..
	STALYBRIDGE:													
462	Mechanics' Institute, High Street.	1868	J. H. Hyde	E. Little H. Dawson S. Mellows D. McLaren T. Cook J. Poole	110	250	30	45	20	..	74	..	..	..
	STOCKPORT:													
430	Brentnall Street Wesleyan Higher Grade School.	—	J. Clark	H. A. Johnstone W. H. Griffiths G. W. Davies	40		36	..	..	..	36	..	..	..

ENGLAND.

VIb. Theoretical Mechanics, *Fluids*.	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	VIIIa. Sound.	VIIIb. Light.	VIIIc. Heat.	*A*. VIII. & IX. Alternative Physics.	IX. Magnetism and Electricity.	X. *t*. Inorganic Chemistry (Theory).	X. *p*. Inorganic Chemistry (Practl.)	XI. *t*. Organic Chemistry (Theory).	XI. *p*. Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Human Physiology.	XV. General Biology.	XVI. Zoology.	XVII. Botany.	XVIII. Principles of Mining.	XIX. Metallurgy, Theory.	XIX. *p*. Metallurgy, Pracl.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.	XXV. Hygiene.
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ENGLAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Science.	I. Practical Plane & Solid Geometry.	II. Machine Construction & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	4 & 5.	6 & 7.	VIA. Theoretical Mechanics, *Solids*.
	CHESHIRE—*cont.*													
	STOCKPORT—*cont.*													
† A445	School of Science and Art, Technical School, Wellington Road South.	1889	R. Gray - -	R. J. Brown - A. Taylor - - J. E. Bygate - W. H. Thomas - E. Gregory - - A. C. Lawson - R. Chorley - - S. Scott - - A. Rydings - - J. Bell - - - W. M. Craston - M. Allen - - B. L. Watts -	320	250	35	45	40	..	35	..	..	12
465	Wesleyan Higher Grade Schools, Great Portwood Street.	1884	J. Grundey	J. J. Griffiths -	..	15	..	..	..	..	..	..	..	..
488	*Cale Green British School, Shaw Road.*	*1891*	*C. Crossley, jun.*	*W. Hatfield* -	..	*6*	..	..	..	..	..	..	..	..
	TINTWISTLE:													
457	The British School, Old Road.	1895	G. Hutchinson	T. E. H. Parker -	35	..	..	..	..	..	..	..	..	..
	WALLASEY:													
414	Science Class, Grammar School, Withen's Lane.	1887	J. H. Joynson	H. C. Jones - A. J. Mead, B.A. W. Chapple, B.A. R. A. Foulkes, B.A. - - - D. Clagin - - W. Eggington -	120	115	..	..	..	..	45	..	..	35
	WEAVERHAM:													
469	Grammar School - -	1893	J. W. Smith -	J. Trickett - -	..	20	..	..	..	..	20	..	..	..
	WEST KIRBY:													
419	Grammar School, Calday Grange.	1887	H. Bell - -	W. Hilton - - W. Hollowell, B.A. - - -	40	30	10	..	..	..	15	..	..	..
	WINSFORD:													
473	Verdin Technical School, High Street.	1885	J. H. Cooke -	J. Roberts - - H. F. A. Wigley - F. Stubbs - - J. Woodhead -	85	110	10	6	3	..	50	..	..	..
	WITTON:													
481	Sir John Deane's Grammar School, Church Road.	1891	H. H. Cook -	T. A. Cook - - A. C. Whitley - F. Douglas - -	60	20	..	..	..	..	*	..	..	..
	CORNWALL.													
	BLACKWATER:													
526	Board School - -	1891	C. Harris, jun.	J. Oates - -	14	8	..	..	..	..	..	..	..	..
	BURYAS BRIDGE:													
538A	*Drift, Bible Christian Schoolroom.*	*1898*	**C. Clemens* -	*G. H. Guy* - -	..	*6*	..	..	..	..	..	..	..	..

ENGLAND.

	VIb. Theoretical Mechanics, *Fluids*.	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	VIIIa. Sound.	VIIIb. Light.	VIIIc. Heat.	*A*.VIII. & IX. Alternative Physics.	IX. Magnetism and Electricity.	X. *t*. Inorganic Chemistry (Theory).	X. *p*. Inorganic Chemistry (Pract.)	XI. *t*. Organic Chemistry (Theory).	XI. *p*. Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Human Physiology.	XV. General Biology.	XVI. Zoology.	XVII. Botany.	XVIII. Principles of Mining.	XIX. Metallurgy, Theory.	XIX. *p*. Metallurgy, Pract.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.	XXV. Hygiene.
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ENGLAND

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Science.	I. Practical Plane & Solid Geometry.	II. Machine Construcⁿ & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1,2,3.	4 & 5.	6 & 7.	VI a. Theoretical Mechanics, *Solids.*
	CORNWALL—*cont.*													
	CAMBORNE:													
A 507	School of Science and Art, Fore Street.	1889	H. T. Robinson.	F. J. Gardenner H. Curry J. Vague J. J. Beringer W. Thomas A. Bell T. J. Hardey J. C. Keast H. R. Beringer C. Davis T. J. Porter H. Harvey W. Prout R. A. Gregg	120	200	30	30	20	..	30	..	..	12
507A	*Lecture Hall, Literary Institution.*	*1893*	*H. T. Robinson.*	*R. A. Gregg* *W. Thomas* *W. M. Prout*	..	*	..	..	..	..	..	..	..	..
	CARN BREA:													
579	Pool Board School	1893	Rev. W. H. Wilcock.	W. Jags J. Blight W. Bartle	..	28	..	20	20	..	..	..	..	..
	CHACEWATER:													
558	Board Schools, Church Hill.	1891	Rev. R. F. Fraser-Frizell.	B. Griffiths	..	6	..	..	..	..	..	..	..	..
	FALMOUTH:													
508	Polytechnic Hall, Church Street.	1867	W. Treweeke	C. H. Lawrance C. H. Palmer E. J. Reynolds	..	91	..	30	..	..	25	..	..	..
508A	Free Library, Hulls Lane, Arwenwack Street.	1892	"	G. Carter J. M. McGill J. Snell W. H. Tresidder	..	67	..	..	13	13	..	..	..	..
508B	Board School, Webber's Hill.	1893	"	W. M. Furze	26	24	24	..	..	..	..	..	..	..
559	British School, (Boys') Smithwick Hill.	1878	J. T. Pellowe	S. Roberts	30	12	12	..	..	..	..	..	..	..
	FOWEY:													
569A	Grammar School, The Daglands.	1879	A. Dingle	R. W. Smitham J. J. Stephens R. MacKinlay	10	25	..	..	..	..	10	..	..	5
	GUNNISLAKE:													
580	Board School, Delaware Road.	1893	W. P. Bolt	R. Leverton	20	12	6	..	..	..	..	..	..	..
	HARROWBARROW:													
580A	*Board School*	*1894*	*Capt. C. Bolt*	*W. H. White*	..	*12*	..	..	..	..	..	..	..	..
	HAYLE:													
511	Passmore Edwards' Institute, Commercial Road.	1870	J. B. Read	J. Opie E. V. Pearce T. J. Porter	..	50	..	20	20	..	12	..	..	..
	HELSTON:													
513	Commercial Schools, Church Street.	1874	C. F. Dale	W. Hall	..	12	..	..	..	..	..	..	..	..
513A	Public Institute, Wendron Street.	1874	"	W. J. Winn	..	9	..	..	9	..	..	..	..	..
513B	Wesleyan Day School, Wendron Street.	1894	"	W. Hall	9	8	..	..	..	..	8	..	..	..
	ILLOGAN HIGHWAY:													
516	Barncoose Board School.	1894	J. L. Tregenza	T. Oates	..	20	12	..	..	..	12	..	..	..
	LANDRAKE:													
518A	*Jeffery's School*	*1893*	*G. H. Brenton*	*J. Tripp*	..	*6*	..	..	*6*	..	..	..	..	..

ENGLAND.

Theoretical Mechanics, *Fluids*. VIb.	Applied Mechanics. VII.	Sound, Light, and Heat. VIII.	Sound. VIIIa.	Light. VIIIb.	Heat. VIIIc.	Alternative Physics. *A*.VIII. & IX.	Magnetism and Electricity. IX.	Inorganic Chemistry (Theory). X. *t*.	Inorganic Chemistry (Practl.) X. *p*.	Organic Chemistry (Theory). XI. *t*.	Organic Chemistry (Practical). XI. *p*.	Geology. XII.	Mineralogy. XIII.	Human Physiology. XIV.	General Biology. XV.	Zoology. XVI.	Botany. XVII.	Principles of Mining. XVIII.	Metallurgy, Theory. XIX.	Metallurgy, Pracl. XIX. *p*.	Navigation. XX.	Nautical Astronomy. XXI.	Steam. XXII.	Physiography. XXIII.	Principles of Agriculture. XXIV.	Hygiene. XXV.
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ENGLAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Science.	I. Practical Plane & Solid Geometry.	II. Machine Construcⁿ & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	4 & 5.	6 & 7.	VIa. Theoretical Mechanics, *Solids.*
	CORNWALL—*cont.*													
	LANNER:													
584A	Board School - -	1892	C. James -	A. Doidge - W. Bodilly -	..	12	..	6	..	..	..	..	..	..
	LAUNCESTON:													
515	Temperance Institute, Wooda Road.	1887	H. H. Hender	W. Middleton -	30	10	10	..	..	..	..	..	..	..
547A	Horwell Endowed School, St. Stephen-by-Launceston.	1892	" -	C. D. Rosling, B.A.	..	20	..	..	..	..	20	..	..	..
	LISKEARD:													
A517	School of Science and Art, Public Buildings, West Street.	1883	C. W. Jewell -	F. M. Bruford - W. W. Wright - W. H. Huddy -	50	26	6	..	..	..	..	..	..	..
517B	Parochial Schools Church Street.	1891	" -	G. T. Vine - -	..	12	..	..	..	..	..	..	..	..
17J	*Trewidland Board School.*	*1894*	" -	*W. Leeming* - -	..	*12*	*12*	..	..	..	..	..	..	..
	LOOE (EAST):													
503	*Mechanics' Institute, Market Street.*	*1892*	*H. A. Anderson*	*M. Hicks* - -	*30*	..	..	..	..	..	..	..	..	..
	LOSTWITHIEL:													
595	Board School, Bodmin Hill.	1885	P. Roskelly -	F. A. Green - W. T. Bassett -	12	20	6	..	15	..	..	..	..	..
596	St. Winnow National School, Down End.	1893	W. Wevell -	T. W. Perry - W. J. Wills -	10	6	6	..	..	..	..	..	..	..
	MADRON (NEAR HEAMOOR, R.S.O.).													
571	Daniell's Elementary Day School.	1891	A. Taylor -	W. H. Walters -	12	12	..	..	..	..	..	..	..	..
	MAWGAN (HELSTON):													
530	Carrabone Board School.	1891	W. Reed - -	W. Hall - -	..	8	..	..	..	..	..	..	..	..
	MAWNAN SMITH:													
535	National Schoolroom -	1892	W. F. C. Rogers	W. Borlase - -	..	12	..	..	..	..	..	..	..	..
	MENHENIOT:													
A517E	National School (Branch Sch. of Art).	1891	C. W Jewell -	F. M. Bruford - E. Roskruge -	10	2	2	..	..	..	..	..	..	..
	MILLBROOK:													
574A	Girls' School, The Quay.	1892	Col. W. H. Vallack-Tom.	W. J. Harris -	..	6	..	..	6	..	..	..	..	..
	MOUNT HAWKE:													
526A	Board School - -	1891	C. Harris, jun.	E. Richards - -	8	10	..	..	..	..	10	..	..	..
	NEWLYN (WEST):													
592	*Paul Newlyn Board School, Jack Lane.*	*1883*	*W. Pezzack* -	*F. Osborne* - *H. Maddern* -	*9*	*7*	..	..	*7*	..	..	..	..	..
	PENDEEN:													
549	*Board School, Church Road.*	*1868*	*E. White* -	*T. T. Williams* - *B. Nicholas* -	..	[illegible]	..	..	..	..	..	..	..	..
	PENZANCE:													
524	Mining and Science School, Morrab Road.	1873	R. P. Couch -	W. H. Barrett - M. Allen -	..	60	..	..	..	..	20	..	..	..
A525	School of Science and Art, Morrab Road.	1873	" -	H. M. Geoffroi - H. Geoffroi - L. Abbott -	84	21	5	6	10	..	..	..	..	..
592A	*Board School, Paul Church Town.*	*1892*	*W. Pezzack* -	*J. J. Carne* - -	..	*6*	..	..	..	..	..	..	..	..

ENGLAND.

Theoretical Mechanics, *Fluids*. VIb.	Applied Mechanics. VII.	Sound, Light, and Heat. VIII.	Sound. VIIIa.	Light. VIIIb.	Heat. VIIIc.	Alternative Physics. A.VIII & IX.	Magnetism and Electricity. IX.	Inorganic Chemistry (Theory). X. *t*.	Inorganic Chemistry (Practl.) X. *p*.	Organic Chemistry (Theory). XI. *t*.	Organic Chemistry (Practical). XI. *p*.	Geology. XII.	Mineralogy. XIII.	Human Physiology. XIV.	General Biology. XV.	Zoology. XVI.	Botany. XVII.	Principles of Mining. XVIII.	Metallurgy, Theory. XIX.	Metallurgy, Pract. XIX. *p*.	Navigation. XX.	Nautical Astronomy. XXI.	Steam. XXII.	Physiography. XXIII.	Principles of Agriculture. XXIV.	Hygiene. XXV.
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ENGLAND.

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	CORNWALL—*cont.*													
	POLRUAN:													
577	*Parish Schoolroom, Hillside.*	*1892*	*Rev. J. T. Mugford.*	*R. W. Smitham* -	*12*	..	..	..	..	..	..	..	..	..
	PORTHLEVEN:													
10,504	*Board School* - -	*1885*	*J. J. Kitto* -	*J. H. Harris* -	..	*10*	..	..	..	..	..	..	..	..
	REDRUTH:													
A528	School of Science and Art, Clinton Road.	1875	W. K. Wilton	H. Geoffroi - - W. Cornish - - J. J. Beringer - T. Collins - - J. C. Keast - - H. W. Collins - R. H. Bray - - F. W. Bray - - H. E. Russell, B.A. - - -	100	120	15	18	10	..	18	..	..	8
528A	*Thornton House School, Clinton Road.*	*1891*	" -	*J. Williams* - -	..	*10*	..	..	..	..	*	..	..	..
	RUAN MINOR:													
591	Grade and Ruan Minor National School.	1895	Rev. J. J. Mallack.	T. J. Benneto -	..	10	..	..	..	..	..	..	..	..
	ST. AGNES:													
526B	Town Boys' Board School, British Road.	1891	C. Harris, jun.	J. Eudey - -	..	12	..	..	..	..	..	..	..	..
	ST. AUSTELL:													
531	Central Board School, Western Hill.	1891	H. S. Hancock	W. C. Bird - E. H. I. Hugh -	50	40	20	..	..	..	..	..	..	..
531A	Treverbyn Board School.	1891	" -	W. Boxhall - -	20	10	10	..	..	..	..	..	..	..
	ST. BREAGE:													
573	Parish Room - -	1892	H. H. Nicholas	J. H. Harris - W. Pidgeon -	..	12	..	..	..	..	..	..	..	..
	ST. BURYAN:													
572	National School -	1891	Rev. R. J. Martyn.	J. W. Stone - -	..	12	..	..	..	..	..	..	..	..
	ST. DAY:													
584	Board School - -	1891	C. James -	P. Jennings - -	20	20	..	..	..	..	..	..	..	..
	ST. GERMANS:													
512	Endowed Boys' School	1892	G. H. Brenton	J. Tripp - -	..	12	..	..	12	..	..	..	..	..
	ST. IVES:													
567	National School, St. Andrew Street.	1878	Rev. C. F. Jones, M.A.	W. Seaman - -	..	16	..	..	..	..	..	..	..	..
	ST. JUST:													
556	*Morvah Board School, Church Town.*	*1891*	*E. White* -	*T. T. Williams* -	..	*6*	..	..	..	..	..	..	..	..
597	Board School, Cape Cornwall Road.	1883	W. Thomas -	J. Jenkin - - J. B. Holman - G. H. Guy - - H. Williams -	..	40	*	*	*	..	*	..	..	..
	ST. KEVERNE:													
509	Girls' Board School -	1891	E. J. L. Spry -	H. J. Sincock -	18	..	..	..	..	..	..	..	..	..
	SALTASH:													
538	Board School, North Road.	1874	F. Blatchley -	J. Tripp - -	15	..	..	..	..	..	..	..	..	..
	STRATTON:													
576	National School -	1892	H. Pickard -	R. T. Lidgey -	..	6	..	..	..	..	..	..	..	..

ENGLAND.

VIb. Theoretical Mechanics. *Fluids.*	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	VIIIa. Sound.	VIIIb. Light.	VIIIc. Heat.	A.VIII. & IX. Alternative Physics.	IX. Magnetism, and Electricity.	X. *t.* Inorganic Chemistry (Theory).	X. *p.* Inorganic Chemistry (Practl.)	XI. *t.* Organic Chemistry (Theory).	XI. *p.* Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Human Physiology.	XV. General Biology.	XVI. Zoology.	XVII. Botany.	XVIII. Principles of Mining.	XIX. Metallurgy, Theory.	XIX. *p.* Metallurgy, Pract.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.	XXV. Hygiene.
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ENGLAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Science.	I. Practical Plane & Solid Geometry.	II. Machine Construct. & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	4 & 5.	6 & 7.	VIA. Theoretical Mechanics, Solids.
	CORNWALL—*cont.*													
590	TORPOINT: National School (Boys'), Waterloo Place.	1881	A. D. T. Chubb	E. S. Murch - -	..	16	6	4	..	..	..	..	..	..
543	TROON: Board School, New Road.	1892	E. Thomas -	J. T. Morshead -	10	..	..	..	..	..	..	..	..	..
544	TRURO: Royal Institution of Cornwall, Union Place.	1875	H. James -	R. A. Gregg - W. J. Hocking -	..	60	..	..	..	..	..	..	..	..
544A	Lecture Room, Public Baths, St. Mary's Street.	1894	" -	J. Snell - - W. H. Olver - W. T. Hawking -	..	50	..	..	..	..	20	..	..	..
A545	School of Science and Art, 13, Lemon Street.	1853	" -	H. M. Geoffroi - M. Peat - - M. L. John - -	63	27	7	7	13	..	..	..	..	..
	CUMBERLAND.													
670	AINSTABLE: Board School - -	1893	H. Watson -	J. H. Muschamp -	..	10	..	..	..	..	..	..	..	..
601A	ALLONBY: British School - -	1892	—	J. Graham - -	10	..	..	..	..	..	..	..	..	..
601	ASPATRIA: Agricultural School -	—	H. Thompson, M.R.C.S.	J. H. Hill, B.A. B.Sc. - - C. J. R. Tipper - H. E. Gardner -	..	60	..	..	..	..	20	..	..	35
601B	Aspatria and Brayton Board Schools.	1894	"	J. Cobb - - -	10	8	..	..	..	..	8	..	..	..
625C	*School House, Plumbland.*	*1894*	*W. Peile* -	*J. Symons* - -	*12*	..	..	..	..	..	..	..	..	..
682	BECKERMET: *National School* - -	*1892*	*M. Penn* -	*J. H. Booth* - -	*12*	*12*	*12*	..	..	..	..	..	..	..
645	BRAMPTON: Board School, Moat Street.	1892	Rev. S. Falle -	L. Marion - - J. G. Taylor -	18	12	10	..	..	..	12	..	..	..
669	BROMFIELD: Endowed School -	1893	J. B. Asbridge	M. H. Sowerby -	..	8	..	..	..	..	..	..	..	..
603	CARLISLE: Christ Church Boys' School, Close Street, Botchergate.	—	R. J. Bellerby	W. R. Robinson - J. B. W. Foster - T. Irving - - G. H. Armstrong	30	50	..	..	..	..	15	..	..	..
A604	School of Science and Art, Tullie House, Castle Street.	1854	R. Bateman -	H. Lees - - B. H. Overton - D. Burns - - Rev. J. Haworth W. Pogson - J. J. Hodgson -	175	155	15	30	25	..	20	5	..	..
619	Fawcett Higher Grade Schools, West Walls.	1878	W. J. R. Crowden.	T. Postgate - W. H. Reid -	..	40	..	..	..	..	..	..	..	..
637E	School of Science and Art, Tullie House, Castle Street.	1892	C. C. Hodgson	H. B. Overton, Ph.D.	..	10	..	..	..	..	..	..	..	..
676	Stanwix Board School	1893	Rev. A. E. Palin, B.A.	J. J. Hodgson - T. Postgate -	10	12	..	..	..	..	..	..	..	..
633	CLEATOR MOOR: Montreal School, High Stree	1885	H. Rothery -	S. Thompson - F. A. Ciappessoni F. Atkinson -	15	30	..	..	..	..	..	..	..	..

ENGLAND.

Theoretical Mechanics, *Fluids*. VIb.	Applied Mechanics. VII.	Sound, Light, and Heat. VIII.	Sound. VIIIA.	Light. VIIIB.	Heat. VIIIC.	Alternative Physics. *A*.VIII. & IX.	Magnetism and Electricity. IX.	Inorganic Chemistry (Theory). X. *t*.	Inorganic Chemistry (Practl.) X. *p*.	Organic Chemistry (Theory). XI. *t*.	Organic Chemistry (Practical). XI. *p*.	Geology. XII.	Mineralogy. XIII.	Human Physiology. XIV.	General Biology. XV.	Zoology. XVI.	Botany. XVII.	Principles of Mining. XVIII.	Metallurgy, Theory. XIX.	Metallurgy, Pract. XIX. *p*.	Navigation. XX.	Nautical Astronomy. XXI.	Steam. XXII.	Physiography. XXIII.	Principles of Agriculture. XXIV.	Hygiene. XXV.
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ENGLAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students: Art.	Total Number of Individual Students: Science.	I. Practical Plane & Solid Geometry.	II. Machine Construction & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages.	VI a. Theoretical Mechanics Solids.
	CUMBERLAND—cont.											
	COCKERMOUTH:											
625	Wordsworth Institute, Main Street.	1882	W. Peile	H. Caton	*	..	..	..	..	..	..	..
625B	Dean National School	1893	"	J. E. Jones	6	12	..	..	..	..	..	..
637M	*Fairfield Board School*	*1892*	*C. C. Hodgson*	*J. W. Sister*	*4*	*12*	*12*	..	..	..	..	..
	COTEHILL:											
616	Church of England School.	1892	H. A. Howard	F. L. Bousfield	8	..	..	..	..	..	..	..
	DALSTON:											
628	Grammar School	1893	W. Waugh	E. Wallace	..	6	6	..	..	..	..	..
	DISTINGTON:											
643A	*Board School, Main Street.*	*1892*	*J. B. Tolson*	*W. Turner* / *J. [illegible]*	*5*	*15*	*5*	..	..	..	..	..
	EGREMONT:											
656	Town Hall, Main Street.	1895	T. Gilbertson	J. E. Sherwin / H. [illegible]	..	18	..	..	..	..	..	..
636	Board School, Bookwell.	1891	"	J. [illegible] / J. Huggins	6	6	6	..	..	..	..	..
	FRIZINGTON:											
630	Board School, Main Street.	1890	J. Watson	W. Braithwaite / F. G. Marrow / M. Jones	40	35	15	..	..	..	15	..
630A	Arlecdon Board School	1894	"	G. M. Watts	15	..	..	..	..	..	..	..
	GOSFORTH:											
651	High School	1892	J. Tyson	J. H. Booth	..	16	16	..	..	..	..	..
	GREAT BROUGHTON:											
625A	Girls' Board School, Main Street.	1892	W. Peile	J. Tremble	12	14	8	..	..	..	..	..
	HARRINGTON:											
643	Board School, Church Road.	1892	J. B. Tolson	W. T. Pursglove / J. Johnston	..	15	10	10	..	..	..	..
	HENSINGHAM:											
629E	Schoolroom	1892	T. Jackson	R. B. Ireland	20	..	..	..	..	..	..	..
	HOLMROOK:											
650	Irton, St. Paul's National School.	1892	T. Burrows	J. Layland	10	..	..	..	..	..	..	..
	KESWICK:											
637E	School of Industrial Art.	1892	C. C. Hodgson	J. W. Sister	30	20	20	..	..	..	..	..
	LAMPLUGH:											
659	Parochial School	1892	J. Watson	C. Hales	10	..	..	..	..	..	..	..
	LANGWATHBY:											
637I	Day School	1895	C. C. Hodgson	J. W. Sister	50	16	16	..	..	..	..	..
	LONGTOWN:											
637S	Board School	1891	"	"	20	10	10	..	..	..	..	..
	MARYPORT:											
605	British Higher Grade School, High Street.	1888	F. Kelly	G. H. Daniel, B.Sc. / W. T. Pursglove / J. H. [illegible]	70	60	25	30	..	..	30	..
605A	Ellenborough Church of England Day School.	1888	"	J. L. Phillips	10	10	..	..	..	..	..	..
654	Seamen's Home [illegible] St. Cuthbert's.	1895	J. Blacklock	S. Duff	..	10	..	..	..	..	..	..

ENGLAND.

Theoretical Mechanics, *Fluids*. VIb.	Applied Mechanics. VII.	Sound, Light, and Heat. VIII.	Sound. VIIIa.	Light. VIIIb.	Heat. VIIIc.	Alternative Physics. *A*.VIII. & IX.	Magnetism and Electricity. IX.	Inorganic Chemistry (Theory). X. *t*.	Inorganic Chemistry (Practl.) X. *p*.	Organic Chemistry (Theory). XI. *t*.	Organic Chemistry (Practical). XI. *p*.	Geology. XII.	Mineralogy. XIII.	Human Physiology. XIV.	General Biology. XV.	Zoology. XVI.	Botany. XVII.	Principles of Mining. XVIII.	Metallurgy, Theory. XIX.	Metallurgy, Pracl. XIX. *p*.	Navigation. XX.	Nautical Astronomy. XXI.	Steam. XXII.	Physiography. XXIII.	Principles of Agriculture. XXIV.	Hygiene. XXV.
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ENGLAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students.		I.	II.	III.	IV.	V.			VI.
							Practical Plane & Solid Geometry.	Machine Construc^n & Drawing.	Building Construction.	Naval Architecture.	Pure Mathematics. Stages			Theoretical Mechanics, Solids.
					Art.	Science.					1,2,3.	4 & 5.	6 & 7.	
	CUMBERLAND—*cont.*													
	MILLOM:													
632	The Institute, St. George's Road.	1885	W. T. Lawrence	H. D. Shardlow, H. Shaw, G. H. Spencer, A. H. Darvell	46	33	..	..	..	..	15	..	..	..
	MOOR ROW:													
656A	Board School	1893	T. Gilbertson	H. Bonney, B.A.	..	8	..	..	..	..	..	..	..	..
	NENTHEAD:													
658	Board School	1892	T. W. Dickinson.	H. Petty	35	..	..	..	..	..	..	..	..	..
	PENRITH:													
610	Infants' Board School, Brunswick Road.	—	G. Wainwright	J. Bolton	..	12	..	..	..	..	..	..	..	..
610A	Board School, Castlegate.	1892	"	E. H. Marten, L. D. Hodgson	75	12	12	..	8	..	..	..	..	..
637A	Board School, Brunswick Road.	1892	C. C. Hodgson	J. W. Slater	20	10	10	..	..	..	..	..	..	..
	WHITEHAVEN:													
620	Scientific Institute, Howgill Street.	1880	T. Jackson	J. H. Sherwen, W. Harrington, T. London	..	59	..	..	..	..	..	..	..	..
620A	Free Public Library, Queen Street.	1892	"	P. B. Hull, J. W. Beattie	45	40	15	25	..	..	..	..	..	..
637C	*Marine School, High Street.*	*1893*	*C. C. Hodgson*	*J. W. Slater*	*40*	*15*	*15*	..	..	..	..	..	..	..
	WIGTON:													
637Q	Grammar School	1894	"	J. W. Slater, W. T. Lawrence	20	10	10	..	..	..	..	..	..	..
638	Boys' National School, High Street, South End.	1891	D. H. Hewetson.	W. Quayle	20	..	..	..	..	..	..	..	..	..
667	Grammar School, Market Hill.	1893	"	G. Bell, E. B. Fisher	..	30	25	..	..	..	..	..	..	..
	WORKINGTON:													
626	Academy, St. John's Court, Jane Street.	1882	F. W. Jackson	B. J. Whitaker, M. Fleetham, A. E. McKenzie, E. J. Hepworth, W. T. Pursglove	50	160	..	32	..	..	40	..	..	..
637G	St. Michael's Board School, Station Road.	1895	C. C. Hodgson	J. W. Slater, W. T. Lawrence	30	12	10	..	..	..	..	..	..	..
680	Wilson Higher Standard School, Guard Street.	1894	G. B. McKay	J. H. Jenkinson, W. H. Reeve, J. W. Williams, W. A. Davies, J. Lister	80	150	..	..	..	..	40	..	..	..
	DERBYSHIRE.													
	ALFRETON:													
734	Local Board Room, King Street.	1894	F. Broadhurst	H. Hicking, P. Baker	15	15	10	..	..	..	..	..	..	..
	ASHBOURNE:													
759	Girls' National School, Church Street.	1881	H. F. Gibson	H. T. C. Simmonds	70	10	10	..	..	..	..	..	..	..
768	Grammar School, Church Street.	1894	J. E. Hales	W. J. Butcher, B.Sc.	..	25	..	..	..	..	*	..	..	..
	BAKEWELL:													
774	Town Hall	1889	E. M. Longsdon.	M. H. Woolhouse, E. M. Woolhouse	50	..	..	..	..	..	..	..	..	..
	BRIGHTON:													
758	Board School, Main Road.	1894	H. Stephenson	J. Ward	..	10	..	..	..	..	..	..	..	..

ENGLAND.

VIB. Theoretical Mechanics, *Fluids*.	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	VIIIA. Sound.	VIIIB. Light.	VIIIC. Heat.	A.VIII. & IX. Alternative Physics.	IX. Magnetism and Electricity.	X. *t*. Inorganic Chemistry (Theory).	X. *p*. Inorganic Chemistry (Practl.).	XI. *t*. Organic Chemistry (Theory).	XI. *p*. Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Human Physiology.	XV. General Biology.	XVI. Zoology.	XVII. Botany.	XVIII. Principles of Mining.	XIX. Metallurgy, Theory.	XIX. *p*. Metallurgy, Pract.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.	XXV. Hygiene.
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School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students.		I.	II.	III.	IV.	V.			VIa.
					Art.	Science.	Practical Plane & Solid Geometry.	Machine Construcⁿ & Drawing.	Building Construction.	Naval Architecture.	Pure Mathematics. Stages 1, 2, 3	4 & 5.	6 & 7.	Theoretical Mechanics, *Solids.*
	DERBYSHIRE—*cont.*													
	BELPER :													
701	*Grammar School, Bridge Street.*	*1886*	*W. Round* -	*H. B. Pitway* - *A. S. Vale* - *G. Vale* - *J. West* -	*	*	..	..	..	..	*	..	..	..
747	Fleet Board School, The Fleet.	1892	Rev. F. Knowles.	G. W. Brindley -	..	30	..	..	..	..	..	..	..	..
747A	Long Row Board School.	1892	" -	G. H. Ward - F. D. Goodwin -	50	40	12	18	10	..	..	..	..	..
	BLACKWELL :													
748	Institute - -	1894	M. Deacon -	W. R. Bates - -	..	35	..	35	..	..	..	..	..	..
	BORROWASH :													
740A	National School, Nottingham Road.	1893	W. Cotton -	G. Kitching - -	..	15	..	..	..	..	..	..	..	..
	BREASTON :													
740C	National School, Main Street.	1893	" -	A. R. Fell - -	10	5	5	..	..	..	..	..	..	..
	BUXTON :													
761	Science and Art Classes, Town Hall, Market Place.	1882	L. Wall - -	T. B. Gibbs - - W. J. P. Burton -	40	10	..	..	..	..	..	..	..	..
	CHAPEL-EN-LE-FRITH :													
794	Institute, Market Street	1892	G. E. Heafield	J. Goddard - - C. Stokes - -	..	15	..	..	10	..	..	..	..	10
794A	National School, Market Street.	1892	" -	A. Young - -	20	5	5	..	..	..	..	..	..	..
	CHESTERFIELD :													
A742	School of Science and Art, Stephenson Memorial Hall, Corporation Street.	1869	C. W. Hadfield	F. Sherwood - E. G. Brown - E. Urton - - J. P. Urton - - E. Kay - - W. Wright - - G. Sampson - J. R. D. Barfoot - W. T. G. Burr - J. R. Wigfull - W. J. Morris - T. W. Austin - J. A. Patrick -	130	120	30	25	25	..	30	..	..	7
796	Grammar School, Sheffield Road.	1892	M. W. Humble	J. A. L. Guilmant J. Mansell, B.A. - T. P. Barnes, B.A.	86	136	..	..	..	..	75	..	..	20
	CHURCH GRESLEY :													
741B	Board Schs., York Rd.	1895	J. J. Wright -	S. Buxton - -	..	20	..	..	..	..	..	..	..	..
	CHURCH HANDLEY (CHESTERFIELD) :													
719	*Schoolroom* - -	*1892*	*T. R. Turner*	*A. W. Butcher* -	*8*	*8*	*8*	..	..	..	*8*	..	..	..
	CLAY CROSS :													
†703	Higher Grade and Technical School, Market Street.	1869	J. H. Unwin -	J. S. May - - F. Cowling - - W. R. Ball - - G. W. Dickinson A. Swift - - A. Bramley - - G. Griffin - - M. Marriott -	60	100	40	20	12	..	20	..	..	..
	CODNOR :													
704	Butterley Co.'s School, Jessop Street.	1875	F. C. Corfield	T. H. Searson -	25	12	..	..	..	..	..	..	..	..
728	United Methodist Free Church School, Mill Lane.	1895	Rev. W. H. Kay.	N. C. Sclater, M.R.C.S., L.R.C.P. Ph.D.	..	10	..	..	..	..	..	..	..	..

ENGLAND.

VIB. Theoretical Mechanics, *Fluids*.	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	VIIIA. Sound.	VIIIB. Light.	VIIIC. Heat.	A.VIII. & IX. Alternative Physics.	IX. Magnetism and Electricity.	X. *t*. Inorganic Chemistry (Theory).	X. *p*. Inorganic Chemistry (Practl.)	XI. *t*. Organic Chemistry (Theory).	XI. *p*. Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Human Physiology.	XV. General Biology.	XVI. Zoology.	XVII. Botany.	XVIII. Principles of Mining.	XIX. Metallurgy, Theory.	XIX. *p*. Metallurgy, Pracl.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.	XXV. Hygiene.
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ENGLAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teachers' Name.	Total Number of Individual Students. Art.	Science.	I. Practical Plane & Solid Geometry.	II. Machine Construc^n & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	4 & 5.	6 & 7.	VIA. Theoretical Me-
	DERBYSHIRE—*cont.*													
	DARLEY DALE:													
704	Whitworth Institute -	1892	J. H. Dawson	W. N. Statham - W. Holmes -	14	12	12	..	3	..	..	..	..	
	DERBY:													
†705	Higher Grade Board School, Gerard Street.	1875	W. Cooper -	M. J. Keay - J. C. Whitmore - F. W. Clulow - W. Creswell, B.A. - G. N. Hughff - H. R. Harvey - W. H. Hanbury - S. W. West - C. Warren - M. F. Kirkham -	120	120	60	..	..	..	30	..	..	
A707	Central School of Science and Art and Technical Institute, Green Hill.	1870	H. F. Gadsby	R. C. Whitehead F. A. A. Simmonds -	500	130	*	*	*	..	..	..	..	
709	Diocesan School, Friar Gate.	1873	Rev. W. H. Stables, M.A.	F. Adcock -	52	50	..	..	..	..	22	..	..	
710	St. Andrew's School, London Road.	1868	T. R. Gee -	G. Sutherland - M. L. Sutherland H. Munns - R. D. Whitehead L. Lownds -	40	35	20	20	..	..	30	..	..	
711	Wesleyan School, Canal Street.	1871	J. Finney -	J. Chadwick - J. Gilbert - F. E. Smith -	50	50	..	..	..	..	40	..	..	
712	*Wesleyan Day School, King Street, Chapel Street.*	*1875*	*W. E. Lomas* -	*A. Potter, B.A.* -	..	*16*	..	..	..	..	..	..	..	
713	Christ Church School, Burton Road.	1886	Rev. Canon G. H. Sing.	A. Barrow - C. Roberts - W. McCarthy -	70	70	..	..	..	..	..	..	..	
714	Middle Class School for Girls, Wilson Street.	1887	J. Hopewell -	W. P. Goudie -	..	30	..	..	..	..	20	5	..	
720	Firs Estate Board Sch., Fane Street	1888	W. Cooper -	W. Cresswell, B.A.	..	30	..	..	..	..	30	..	..	
725	St. James' Higher Grade Schools, Rose Hill Street.	1890	R. Lunn -	J. T. Slater - C. Roberts - G. Arnold -	40	65	*	..	..	..	60	..	..	
	DRONFIELD:													
717	Board School, School Lane.	—	H. N. Lucas -	E. Watson - T. Gledhill -	12	6	..	..	..	..	..	..	..	
*730	Grammar School -	1888	J. R. Johnson	C. C. Baggaley, B.A. - F. Kilburn -	32	32	*	..	..	..	*	..	..	
	DUFFIELD:													
721	Boys' School, King Street.	1857	W. J. Stevens	S. Wright -	..	12	..	..	..	..	..	..	..	
	ECKINGTON:													
797	Central Board School, High Street.	1892	S. R. Chadwick	J. E. Bolton -	30	..	..	..	..	..	..	..	..	
	GLOSSOP:													
778	Free Library, Talbot Street.	1891	T. R. Haigh -	C. F. Weston - M. E. Moore - J. Walkden - J. Poole - R. Chartres - R. H. Dickinson -	58	50	10	13	13	..	14	..	..	
778A	Town Hall, High Street	1891	" -	G. Lake -	..	10	..	..	..	..	..	..	..	
	HADFIELD:													
778B	Wesleyan Day School -	1893	" -	C. F. Weston -	25	..	..	..	..	..	..	..	..	

ENGLAND.

Theoretical Me- [illegible]	[illegible]	Sound, Light, and Heat. VIII.	Sound. VIIIA.	Light. VIIIB.	Heat. VIIIC.	Alternative Physics. A. VIII. & IX.	Magnetism and Electricity. IX.	Inorganic Chemistry (Theory). X. *t.*	Inorganic Chemistry (Practl.) X. *p.*	Organic Chemistry (Theory). XI. *t.*	Organic Chemistry (Practical), XI. *p.*	Geology. XII.	Mineralogy. XIII.	Human Physiology. XIV.	General Biology. XV.	Zoology. XVI.	Botany. XVII.	Principles of Mining. XVIII.	Metallurgy, Theory. XIX.	Metallurgy, Pracl. XIX. *p.*	Navigation. XX.	Nautical Astronomy. XXI.	Steam. XXII.	Physiography. XXIII.	Principles of Agriculture. XXIV.	Hygiene. XXV.
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ENGLAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Science.	I. Practical Plane & Solid Geometry.	II. Machine Construcⁿ & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	4 & 5.	6 & 7.	VIa. Theoretical Mechanics, Solids.
	DERBYSHIRE—*cont.*													
	HASLAND:													
787	National School, The Green.	1892	W. Slinn -	L. G. Catterall -	..	16	..	..	..	..	..	..	..	..
	HAYFIELD:													
752	*Board School, Wainhouse.*	*1892*	*J. F. Gee* -	*G. Lowerson* - *J. W. Goddard* -	..	*30*	..	..	..	..	..	..	..	..
752A	*National School, Station Road.*	*1892*	" -	*T. Beardwood* -	..	*30*	..	..	..	..	*20*	..	..	..
	HEANOR:													
†743	District Technical School, Heanor Hall.	—	H. Grassby -	R. Stoddard, B.Sc. - - W. T. Clarke - T. Searson - W. R. Bates -	30	100	5	10	..	..	10	..	..	..
	ILKESTON:													
727	Board School, Bath Street.	1889	W. Lissett -	T. A. Beacroft - J. Hunt -	..	80	..	..	..	..	*	..	..	..
783	Board School, Chaucer Street.	1891	" -	F. Tatham - A. Stanley - J. Tyrrell - J. R. Place - J. Carroll - J. Hunt - H. Jackson - J. F. Payne - J. G. Willis -	100	80	10	..	..	..	15	..	..	..
	KILLAMARSH:													
756	*Board School, Belk Lane.*	—	*G. Whiting* -	*F. H. Fisher* - *G. Childs* - *J. Ward* -	*30*	*15*	..	..	..	..	*15*	..	..	..
	LANGLEY MILL:													
781	Working Men's Educational Institute, Bridge House.	1891	M. Wenham -	T. H. Searson - W. R. Bates -	15	14	..	*	..	..	..	..	..	..
	LINTON:													
738	Board School, Main Street.	1889	D. Clayton -	W. F. Collins -	..	30	..	..	..	..	..	..	..	..
	LONG EATON:													
769	Board School, Derby Road.	1886	A. T. Blythen	G. H. Ward - -	29	7	3	2	2	..	..	..	..	..
	MARPLE BRIDGE:													
793	Congregational Hall -	1892	J. M. Humphreys.	J. Bennett - W. E. Vessey - F. R. Hinchliffe -	..	30	*	..	*	..	..	..	..	..
	MATLOCK BATH:													
736	Technical Class Rooms, Dale Road.	1890	B. W. Milward.	W. N. Statham - W. Holmes - - A. J. Greatorex - G. J. Rowland -	30	45	..	..	10	..	..	..	..	..
	MEASHAM:													
732	National Schools -	1892	Rev. J. Hewetson.	G. T. Reddish -	..	15	..	..	..	..	..	..	..	..
	MELBOURNE:													
750	Temperance Institute, High Street.	1874	G. L. Bates -	A. S. Jacques -	30	6	6	..	..	..	..	..	..	..
760	Athenæum Board School, Potter Street.	1882	A. J. Collyer -	J. Wright -	..	12	..	..	..	..	..	..	..	..
	NEWHALL:													
741A	Board School, Bretby Road.	1895	J. J. Wright -	W. W. Tunnicliffe	..	20	..	..	..	..	..	..	..	..

ENGLAND.

VIB. Theoretical Mechanics, *Fluids*.	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	VIIIA. Sound.	VIIIB. Light.	VIIIC. Heat.	*A.* VIII. & IX. Alternative Physics.	IX. Magnetism and Electricity.	X. *t.* Inorganic Chemistry (Theory).	X. *p.* Inorganic Chemistry (Practl.).	XI. *t.* Organic Chemistry (Theory).	XI. *p.* Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Human Physiology.	XV. General Biology.	XVI. Zoology.	XVII. Botany.	XVIII. Principles of Mining.	XIX. Metallurgy, Theory.	XIX. *p.* Metallurgy, Pracl.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.	XXV. Hygiene.
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ENGLAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Science.	I. Practical Plane & Solid Geometry.	II. Machine Construcn & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	4 & 5.	6 & 7.	VIa. Theoretical Mechanics, *Solids.*
	DERBYSHIRE—*cont.*													
†789	NEW MILLS: Board Schools, Spring-bank.	1887	E. Godward	J. Stott; J. A. Nichols; J. W. Skelton; J. P. Hinde	12	100	15	15	15	..	12	..	..	..
703C	NORTH WINGFIELD: Board School	1893	J. H. Unwin	G. Millward; J. Parkins	..	22	..	15	..	..	..	..	..	..
762	NORTON: Norton Woodseats Sunday School, Chantrey Road.	1893	W. Swift	W. J. Firth	36	..	..	..	..	..	..	..	..	..
740	OCKBROOK: Infant's Schoolroom, Church Street.	1893	W. Cotton	S. Sadler; C. Bryant	20	12	5	2	2	..	..	..	..	..
703A	PILSLEY: Board School	1892	J. H. Unwin	H. E. Maltby	..	25	..	..	..	..	..	..	..	..
731	RIDDINGS: Science and Art Classes, Church Street.	1888	G. Wild	W. B. Taylor; G. H. Brentnall; W. R. Bates; T. H. Scarson	..	35	15	15	..	..	..	..	..	..
731A	Boys' Schoolroom, Church Street.	1893	"	W. B. Taylor	25	..	..	..	..	..	..	..	..	..
783	RIPLEY: Outram Street National School.	1873	J. Ellson	L. E. Oatey; F. Allfrey; L. M. Flint; W. M. Hill	20	50	15	12	20	..	15	..	..	..
733A	St. John's National Schools, The Hillocks.	1892	"	A. Day	..	20	..	..	..	..	..	..	..	..
740D	SAWLEY: Baptist Schoolroom, Back Street.	1893	W. Cotton	A. Clegg	10	5	5	..	..	..	..	..	..	..
737	SHIPLEY: *National School*	*1898*	*C. S. Marshall*	*F. Tatham*	..	*20*	..	..	..	..	..	..	..	..
723	SHIRLAND: Board School	1894	J. H. Hirst	G. Wharton	..	30	..	..	..	..	..	..	..	..
708	SPONDON: National Schoolroom, Chapel Street.	1895	J. Lomas	A. S. Jacques	30	30	30	..	..	..	..	..	..	..
782	STAVELEY: Girls' School, High Street.	1891	T. W. Spencer	S. Hooke	20	..	..	..	..	..	..	..	..	..
786	STONEBROOM: Boys' Board School	1892	J. H. Hirst	A. Hoten; T. Goodall; G. Wharton	20	50	6	..	..	..	..	..	..	..
741	SWADLINCOTE: Board School, Church Street.	1878	J. J. Wright	J. Whitehead; G. L. Parkinson	90	25	8	..	4	..	..	..	..	..
799	SWANWICK: Boys' School, Pentrick Road.	—	J. H. Simpson	H. Hicking; P. Baker; A. Day	24	26	12	..	..	..	..	..	..	..
779	TIDESWELL: Grammar School	1891	Rev. Canon Andrew.	W. G. Boul, M.A.	..	25	..	..	..	..	20	..	..	9

ENGLAND.

Theoretical Mechanics, *Fluids*. VIIb.	Applied Mechanics. VII.	Sound, Light, and Heat. VIII.	Sound. VIIIA.	Light. VIIIB.	Heat. VIIIC.	Alternative Physics. A.VIII. & IX.	Magnetism and Electricity. IX.	Inorganic Chemistry (Theory). X. *t*.	Inorganic Chemistry (Practl.) X. *p*.	Organic Chemistry (Theory) XI. *t*.	Organic Chemistry (Practical). XI. *p*.	Geology. XII.	Mineralogy. XIII.	Human Physiology. XIV.	General Biology. XV.	Zoology. XVI.	Botany. XVII.	Principles of Mining. XVIII.	Metallurgy, Theory. XIX.	Metallurgy, Pracl. XIX. *p*.	Navigation. XX.	Nautical Astronomy. XXI.	Steam. XXII.	Physiography. XXIII.	Principles of Agriculture. XXIV.	Hygiene. XXV.
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ENGLAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Science.	I. Practical Plane & Solid Geometry.	II. Machine Construc & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	4 & 5.	6 & 7.	VIA. Theoretical Mechanics, *Solids*.
	DERBYSHIRE—*cont.*													
703B	TUPTON: Board School - -	1893	J. H. Unwin -	G. Millward - -	..	15	..	..	..	..	..	..	..	..
744	WHALEYBRIDGE: Wesleyan Day School, Buxton Road.	1893	J. E. Wilkinson.	J. Woolley - - A. Hargreaves -	40	10	10	..	..	..	..	..	..	..
771	WHITTINGTON (OLD): Webster's Endowed School, Church St.	1886	J. J. Creed -	G. Gordon - - W. J. Morris -	20	50	..	25	..	..	25	..	..	..
771B	WHITTINGTON (NEW): Webster's Endowed School, London Street.	1891	,, -	H. Needham - S. Allcock - - W. J. Morris - I. Hodges - -	30	40	..	20	..	..	..	..	..	..
771A	WHITTINGTON (MOOR): Webster's Endowed School, Sheffield Road.	1891	,, -	E. Bell - - H. Sykes - - W. J. Morris - I. Hodges - -	50	55	20	20	..	..	..	..	..	..
735	WIRKSWORTH: Grammar School, St. Mary's Churchyard.	1875	J. Gratton -	T. C. Simmonds - F. A. Simmonds - L. Beesley - - R. Ogdon - -	86	74	6	..	..	..	33	..	..	..
	DEVONSHIRE.													
†901	ASHBURTON: The Grammar School, St. Lawrence Lane.	1890	R. E. Tucker -	T. G. Reade - J. Dowling - - G. Berry - -	48	12	..	..	..	..	..	..	..	..
A808	BARNSTAPLE: School of Science and Art, Municipal Buildings, High Street.	1868	J. Jordan -	T. Charbonnier - W. L. Baron - F. Brokenshire - M. Croot - - T. Laverton - W. J. Ridd - - W. G. Hartnoll -	250	80	..	12	10	..	•	..	..	..
A807	BIDEFORD: *School of Science and Art, Bridge Buildings, Bridge Street.*	*1875*	*J. W. Narraway.*	*S. Thomas - - E. F. Southgate - T. Jones - -*	*90*	*15*	*12*	*8*	*4*	..	..	..	..	..
807B	*Grammar School, North Down Lane.*	*1887*	,, -	*S. Thomas - - T. Jones - -*	*40*	..	..	..	..	..	..	..	..	..
812	DARTMOUTH: Board School, Higher Street, Newcomin Road.	1894	C. Madeley -	S. R. Curtis - -	20	25	5	20	..	..	..	..	..	..
†818	DEVONPORT: Stoke Public Higher School, Keppel Street.	1875	C. Mills - -	A. J. Rider - - A. F. Treseder - W. B. Stone - F. J. Babb - - T. G. Elliott - H. T. Budge - W. H. Crang -	60	150	15	..	..	..	150	..	..	20
A820	School of Science and Art, Free Public Library, Duke Street.	1875	,, - -	H. R. Babb - E. H. Babb - - B. Norman - -	80	6	6	..	..	..	..	..	..	..

ENGLAND.

VIb. Theoretical Mechanics, *Fluids*.	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	VIIIa Sound.	VIIIb. Light.	VIIIc. Heat.	*A* VIII. & IX. Alternative Physics.	IX. Magnetism and Electricity.	X. *t*. Inorganic Chemistry (Theory).	X. *p*. Inorganic Chemistry (Practl.).	XI. *t*. Organic Chemistry (Theory).	XI. *p*. Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Human Physiology.	XV. General Biology.	XVI. Zoology.	XVII. Botany.	XVIII. Principles of Mining.	XIX. Metallurgy Theory.	XIX. *p*. Metallurgy, Pract.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.	XXV. Hygiene.
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	DEVONSHIRE—*cont.*													
	DEVONPORT—*cont.*													
822	Higher Grade School, Stuart Road.	1892	J. P. Goldsmith.	E. A. Y. Williams - - R. M. Jervis - J. Cock - -	40	40	6	..	..	..	*	..	..	..
822A	Centre Classes for Pupil Teachers, School Board Office, Ker Street.	1894	" -	E. M. Gibbs - -	55	55	..	..	..	..	..	..	..	..
826	St. Stephen's National School, Clowance Street.	1885	C. Mills - -	S. D. Brooming -	..	15	..	..	..	..	15	..	..	..
828	St. James' National Schools, Saltash Road, Keyham.	1870	T. W. Byfield	T. P. Treglohan - H. P. Treglohan -	..	90	..	..	..	..	40	..	..	..
829	St. John's Street National School.	1874	W. E. Curry -	H. C. Tarn - - G. Blackmore -	..	30	..	..	..	..	20	..	..	..
829B	Froebel House School, Stuart Road.	1894	" -	J. B. Babb - - C. A. Organ, B.A.	30	18	..	..	..	..	18	..	..	..
836	Technical Schools, George Street.	1893	W. Littleton -	J. B. Babb - - W. Eastcott - J. Taylor - - H. J. S. Worth - W. H. Burt - W. A. Staton - W. J. Lark - - T. Smith - - W. J. Stallion - H. C. Tarn - - W. T. Stephens - C. J. Moore - - C. Mason - -	150	250	40	64	18	62	35	6	6	16
	EXETER:													
A841	School of Science and Art, Technical and University Extension College, Queen Street.	1854	G. R. Shorto -	J. B. Birkmyer - E. J. Birkmyer - J. Shapland - C. F. Townsend - A. W. Clayden, M.A. - - Rev. J. Eaves, M.A. - - G. H. Kingdon, B.A. - - - J. Trott - - H. Beardsley - A. H. Ware - T. Glanfield -	250	280	40	27	37	..	27	..	..	6
846	Episcopal Middle School (for Girls), Pennsylvania Road.	1874	Dr. A. Perkins	M. Pemberton - L. E. A. Mare -	..	50	..	..	..	..	25	..	..	..
848	St. Thomas (Girls') Board School, Union Street.	1895	H. Tolston -	J. Shapland - T. R. Glanfield -	25	14	..	7	7	..	..	..	..	..
940	Practising School, Heavitree Road.	1884	Rev. J. G. Dangar, D.D.	R. I. Partridge - E. T. Clarke -	30	30	..	..	..	..	..	..	..	..
	EXMOUTH:													
850	Public Hall, Rolle Street.	1887	A. H. Martin, R.N.	E. J. Birkmeyer -	74	6	6	..	..	..	..	..	..	..
	ILFRACOMBE:													
855	*Girls' National School, Church Hill.*	*1874*	*D. Guilding* -	*R. Barrett* - - *H. J. Macey* -	*60*	*25*	*14*	..	..	..	..	..	..	..
	KINGSBRIDGE:													
955	Girls' Board School, Church Street, Dodbrooke.	1895	W. R. Gay -	— Finch - -	25	..	..	..	..	..	..	..	..	..
	MODBURY:													
933	Institute - -	1895	E. Spanton -	W. D. Finch - -	*	..	..	..	..	..	..	..	..	..

ENGLAND.

VIB. Theoretical Mechanics, *Fluids.*	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	VIIIA. Sound.	VIIIB. Light.	VIIIC. Heat.	*A.* VIII. & IX. Alternative Physics.	IX. Magnetism and Electricity.	X. *t.* Inorganic Chemistry (Theory).	X. *p.* Inorganic Chemistry (Practl.).	XI. *t.* Organic Chemistry (Theory).	XI. *p.* Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Human Physiology.	XV. General Biology.	XVI. Zoology.	XVII. Botany.	XVIII. Principles of Mining.	XIX. Metallurgy, Theory.	XIX. *p.* Metallurgy, Pract.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.	XXV. Hygiene.
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	DEVONSHIRE—*cont.*													
	NEWTON ABBOT:													
927	Science, Art, and Technical Classes, Old Town Hall, Courtenay Street.	1880	C. D. Edwards	G. Bedford; G. F. Dart; S. R. Curtis; A. H. Whipple, B.A., B.Sc.	75	40	3	25	..	..	..	..	..	..
	NORTH TAWTON:													
858	*Boys' Board School, Exeter Street.*	—	*S. Hoyle*	*F. Goss*	*20*	..	..	..	..	..	..	..	..	..
	OKEHAMPTON:													
938	Technical School Market Street.	1895	W. Yeo	A. H. Whipple, B.A., B.Sc.	..	16	..	..	..	..	..	..	..	..
	PAIGNTON:													
A871	Science and Art Classes, New Street.	1890	Col. F. Samwell	C. W. Priestley, B.Sc.	*	35	..	..	..	..	..	..	..	..
	PLYMOUTH:													
865	Navigation School, 13½, Gascoyne Place.	1868	W. L, Munday	C. Morris; E. M. Minhinnick	..	35	..	..	..	..	12	..	..	..
866	Public School, Coburg Street.	1865	W.W.Rickeard	Rev. J. M. Hodge, M.A.; C. S. Jago; C. C. Julian; F. J. Weeks	80	120	30	..	..	..	30	..	..	..
A870	School of Science and Art, Princess Square.	1876	W. L. Munday	H. R. Babb; W. Darton; E. H. Babb; B. M. Babb; F. K. Babb; R. Mill	250	30	12	..	20	..	..	..	..	..
876	Convent of Notre Dame, Wyndham Street.	1878	C. E. Gandy	C. Murray; A. Cunningham; H. Cahill; M. Daly; H. Ennis; S. Longton	50	40	12	..	..	..	8	..	..	..
†879	Higher Grade Board School, Mount Street.	1885	E. C. Cook	W. L. Cocks; J. H. Curtis; J. H. Hearn	30	60	..	..	..	..	*	..	..	..
935	Plymouth College, Ford Park.	1895	T. H. Colson	F. F. Southby, M.A.; Rev. J. H. Haywood, M.A.	..	55	..	..	..	..	55	..	..	8
†A953	Science and Art and Technical School, Tavistock Road.	1892	T. W. Byfield	J. T. Dunn, D.Sc.; C. J. Forth; J. R. Thackrah, M.A., Ph.D.; W. A. D. Rudge; W. C. Wilson, M.B.; J. V. Hodgson; T. N. Andrews; J. Jewell; J. Taylor; J. S. Warren; F. Shelley; H. J. Sershall; C. A. Miles; V. A. Pinwill	240	500	75	82	85	..	75	5	..	20
	SALCOMBE:													
956	Central Hall	1895	Mrs. C. Herbert.	W. D. Finch	25	..	..	..	..	..	..	..	..	..
	SOUTH MOLTON:													
951	National School	1891	W. Oram	F. W. Gard	50	10	10	..	..	..	..	..	..	..

ENGLAND.

VIB. Theoretical Mechanics, *Fluids*.	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	VIIIA. Sound.	VIIIB. Light.	VIIIC. Heat.	*A.* VIII. & IX. Alternative Physics.	IX. Magnetism and Electricity.	X. *t.* Inorganic Chemistry (Theory).	X. *p.* Inorganic Chemistry (Practl.).	XI. *t.* Organic Chemistry (Theory).	XI. *p.* Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Human Physiology.	XV. General Biology.	XVI. Zoology.	XVII. Botany.	XVIII. Principles of Mining.	XIX. Metallurgy, Theory.	XIX. *p.* Metallurgy, Pract.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.	XXV. Hygiene.
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ENGLAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Science.	I. Practical Plane & Solid Geometry.	II. Machine Construc^n & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	4 & 5.	6 & 7.	VIa. Theoretical Mechanics, *Solids*.
	DEVONSHIRE—*cont.*													
949	STONEHOUSE (EAST): Town Hall, Emma Place.	1891	R. R. Rodd, jun.	H. R. Babb; E. H. Babb; C. Morris; F. Dodridge; A. Cowling; F. C. Huxham; R. Mill; S. D. Brooming	50	110	*	*	*	*	*	..	..	*
A887	TAVISTOCK: School of Science and Art, West Street.	1854	F. B. Jeffery	W. Middleton	120	5	*	*	*	..	..	..	..	..
954	Grammar School, Plymouth New Road.	1895	J. D. Johnstone.	J. J. Alexander, M.A.; W. R. Dawson, B.A.; F. C. Clarke	..	35	..	..	..	..	35	..	..	..
939	TEIGNMOUTH: Science and Art Class Room, 8, Orchard Gardens.	1884	A. Southey	W. D. Finch	120	10	10	..	..	..	..	..	..	..
A899	TIVERTON: School of Science and Art, Technical School, Fore Street.	1879	A. Gregory	E. S. Perkin; A. J. T. Ogden; R. W. Nott; A. Burgess; J. C. Hanna; T. R. Glanfield	260	60	40	12	12	..	..	..	..	..
899A	Middle Schools, Bampton Street and Castle Street.	1891	"	E. S. Perkin; A. J. T. Ogden; A. H. Mitchell, B.Sc.; Rev. W. French	80	50	..	..	..	..	20	..	..	..
899B	Science and Technical Schools, Barrington Street.	1894	"	A. H. Mitchell, B.Sc.	..	100	..	..	..	..	30	..	..	20
A890	TORQUAY: School of Science and Art, Vivian Institute, Braddon's Hill.	1866	C. Shapley	G. Bedford; L. W. Jones; T. G. Reade; A. G. Dinsley	250	*	10	..	6	..	..	..	..	..
893	St. Winifred's School, Abbey Road.	1887	J. Glanfield	W. Staddon; K. A. M. Underwood; S. P. Hutchings; G. H. Jenkins	25	20	..	..	10	..	12	..	..	..
†923	TOTNES: Grammar School	—	E. Windcatt	—	*	*	..	..	..	..	..	..	..	..
	DORSETSHIRE.													
1039	BEAMINSTER: National School, Hogshill Street.	1892	J. H. Fussell	C. E. Keddle; M. J. Freeman; M. E. Gallimore	20	..	..	..	..	..	..	..	..	..
1016	BLANDFORD: Milldown School, Damory Street.	1891	W. E. Brennand.	W. Greenhalgh	45	26	16	..	..	..	12	..	..	..
1003	BRIDPORT: General Boys' School, King Street.	1895	E. S. Reynolds	W. E. Bates	..	30	..	..	..	..	..	..	..	..
A1004	School of Science and Art, Literary and Science Institute, East Street.	1865	J. J. Roper	F. H. Christie; J. T. Male; H. Saloway; K. D. Reid	105	65	*	..	*	..	..	..	..	.

ENGLAND.

Theoretical Mechanics, *Fluids*. VIB.	Applied Mechanics. VII.	Sound, Light, and Heat. VIII.	Sound. VIIIA.	Light. VIIIB.	Heat. VIIIC.	Alternative Physics. A.VIII. & IX.	Magnetism and Electricity. IX.	Inorganic Chemistry (Theory). X. *t*.	Inorganic Chemistry (Practl.). X. *p*.	Organic Chemistry (Theory). XI. *t*.	Organic Chemistry (Practical). XI. *p*.	Geology. XII.	Mineralogy. XIII.	Human Physiology. XIV.	General Biology. XV.	Zoology. XVI.	Botany. XVII.	Principles of Mining. XVIII.	Metallurgy, Theory. XIX.	Metallurgy, Pracl. XIX. *p*.	Navigation. XX.	Nautical Astronomy. XXI.	Steam. XXII.	Physiography. XXIII.	Principles of Agriculture. XXIV.	Hygiene. XXV.
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ENGLAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Science.	I. Practical, Plane, & Solid Geometry.	II. Machine Construcn & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1,2,3.	4 & 5.	6 & 7.	VI. Theoretical Mechanics, Solids.
	DORSETSHIRE—*cont.*													
A1005	DORCHESTER: School of Science and Art, Dorset County Museum, High West Street.	1867	T. Coombs	W. Busk; F. Mager	100	20	*	..	*	..	..	..	..	..
1015	GILLINGHAM: Vicarage Schoolroom, Queen Street.	1893	H. Beagarie	G. Pritchard	46	6	6	3	3	..	..	..	..	..
A1022A	PARKSTONE: Branch School of Science and Art, The Institute, Church Street.	1891	E. J. Wilkins	W. Lilley	20	2	2	..	..	..	..	..	..	..
1038	Branksome Technical Institute, Ashley Road, Upper Parkstone.	1892	E. Lay	C. Louthwick; S. G. Newman	30	18	..	..	18	..	..	..	..	..
A1022	POOLE: School of Science and Art, New Free Public Library, Mount Street.	1880	E. J. Wilkins	W. Lilley; H. H. Allsop; F. C. Harvey; W. J. Tarrant; A. Holloway	130	35	6	10	6	..	..	..	..	..
1029	PORTLAND: Wesleyan Day Schools, Easton Square.	1885	B. Read	W. Edwards	20	20	10	..	..	..	..	..	..	..
1037	St. John's Schools, Fortuneswell.	1892	F. T. Dowdeswell.	A. Young	30	..	..	..	..	..	..	..	..	..
1030	SHAFTESBURY: Town Hall, High Street.	1885	Rev. R. Thurlow, M.A.	G. Pritchard	60	20	*	*	*	..	..	..	..	..
1007	SHERBORNE: *Technical School, Newland.*	*1872*	*J. A. Ffooks*	*G. Pritchard*; *W. I. Ingram*; *J. Pooley*	*70*	*45*	*18*	..	..	..	..	..	..	..
1036	STALBRIDGE: *Boys' National School Church Hill.*	*1886*	*W. H. Grace*	*C. Lay*	*8*	*8*	*8*	..	..	..	..	..	..	..
1027	STURMINSTER NEWTON: *Boys' National School*	*1890*	*F. Ellis*	*C. Lay*	*10*	*15*	..	..	..	..	..	..	..	..
1042	WAREHAM: Town Hall	1893	G. F. Filliter	H. Hodge	15	..	..	..	..	..	..	..	..	..
A1013	WEYMOUTH: Borough School of Technology, Sci., and Art, School Street, Commercial Road.	1877	G. P. Symes	T. Baker; F. Perkins; W. H. Bolt; W. E. Drake	120	50	10	20	10	..	..	..	..	..
1024	WIMBORNE: Technical Institute, West Borough.	1881	P. Maclean	E. B. Gill; P. E. Loader	86	18	15	1	2	..	..	..	..	..
	DURHAM.													
1101	BARNARD CASTLE: Mechanics' Institute, Market Place.	1868	O. S. Scott	S. Longbottom; W. Banks	20	20	..	..	..	..	..	..	..	..

ENGLAND.

VIb. Theoretical Mechanics, *Fluids.*	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	VIIIa. Sound.	VIIIb. Light.	VIIIc. Heat.	*A.* VIII. & IX. Alternative Physics.	IX. Magnetism and Electricity.	X. *t.* Inorganic Chemistry (Theory).	X. *p.* Inorganic Chemistry (Practl.)	XI. *t.* Organic Chemistry (Theory).	XI. *p.* Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Human Physiology.	XV. General Biology.	XVI. Zoology.	XVII. Botany.	XVIII. Principles of Mining.	XIX. Metallurgy, Theory.	XIX. *p.* Metallurgy, Pract.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.	XXV. Hygiene.
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ENGLAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students.		I.	II.	III.	IV.	V.			VIA.
							Practical Plane & Solid Geometry.	Machine Construc^n & Drawing.	Building Construction.	Naval Architecture.	Pure Mathematics. Stages			Theoretical Mechanics, *Solids.*
					Art.	Science.					1, 2, 3.	4 & 5.	6 & 7.	
	DURHAM—*cont.*													
	BARNARD CASTLE—*cont.*													
11,185	*North-Eastern County School, Newgate Street (E.).*	*1887*	*E. Wells*	*F. L. Brereton* *E. B. Vincent* *E. D. Walrond* *D. L. Smith* *A. Barraclough* *J. H. Murray* *L. V. Clayson* *A. W. Ridout*	..	*150*	*60*	..	..	..	*120*	..	..	*89*
	BIRTLEY:													
11,102	Co-operative Hall, Harrass Bank.	1893	J. English	P. L. Browne E. H. Collier G. Huntley J. Weatherburn	40	40	..	20	20	..	..	..	..	..
	BISHOP AUCKLAND:													
1102A	Young Men's Christian Institute, Regent Street.	1880	J. Thompson	J. Gamon	30	44	8	8	4	..	12	..	..	..
[*11,133*	*Grammar School, South Church Lane.*	*1885*	*H. W. Thorburn*	*F. Shervill, M.A.* *C. L. J. M. Parkinson, B.A.*	..	*35*	..	..	..	..	*	..	..	..
11,145	High Etherley National School.	1885	Rev. S. W. Dunn.	A. W. Parkin	..	15	..	..	..	..	..	..	..	..
11,192	Binchester Colliery School.	1892	T. Blenkin	W. H. Underwood F. Bowman	24	18	..	10	..	..	..	..	..	..
11,195	Auckland Park, Black Boy Schools.	1892	R. Underwood	F. Bowman	..	16	..	..	..	..	..	..	..	..
	BLAYDON ON-TYNE:													
11,105	Mechanics' Institute, Tyne Street.	1882	C. Woodman	A. Lawford P. L. Browne E. W. Bookey, B.A.	..	30	..	*	*	..	*	..	..	..
	BOLDON COLLIERY:													
11,134	Board School, North Lane.	1885	J. Sutherland	T. Rontree N. Scorer W. Appleton A. D. Jennings	..	40	..	10	..	..	10	..	..	..
	BURNHOPE:													
11,198	Colliery School	1892	J. Gibson	H. L. Burgess	15	3	3	..	..	..	..	..	..	..
	BURNOPFIELD:													
1191	*Co-operative Hall*	*1880*	*W. Johnson*	*J. H. Tate* *J. O. Jones* *N. Smailes*	*20*	*80*	*30*	*40*	..	..	..	..	..	..
	BUTTERKNOWLE:													
11,193	*British School, Quarry Lane.*	*1892*	*M. Koettlitz*	*J. Moore* *J. Cook*	..	*5*	..	..	..	..	..	..	..	..
	CHESTER-LE-STREET:													
1119	Co-operative Hall, Front Street.	1888	G. R. Davidson	G. Huntley P. L. Browne	..	35	..	20	15	..	..	..	..	..
	COCKFIELD:													
1165	National School, Cockfield.	1894	Rev. R. G. H. Goodwin.	J. Moore	..	30	..	..	..	..	..	..	..	..
	CONSETT:													
11,161	Co-operative Hall, Newmarket Street.	1889	W. S. Davies	G. Huntley W. H. Atherton	[..	60	..	35	..	..	..	..	..	..
11,163	British Schools, Trafalgar Street.	1889	"	W. Patterson J. H. Anderson P. L. Browne T. Chandler	45	60	15	..	20	..	25	..	..	..
	CORNSAY COLLIERY:													
1106	Workmen's Institute, Hawkhills Terrace.	1888	J. R. Jordan	J. Wilkinson W. Hodgson	..	30	..	15	..	..	..	..	..	..

ENGLAND.

VIb. Theoretical Mechanics, *Fluids*.	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	VIIIa. Sound.	VIIIb. Light.	VIIIc. Heat.	*A*.VIII. & IX. Alternative Physics.	IX. Magnetism and Electricity.	X. *t*. Inorganic Chemistry (Theory).	X. *p*. Inorganic Chemistry (Practl.)	XI. *t*. Organic Chemistry (Theory).	XI. *p*. Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Human Physiology.	XV. General Biology.	XVI. Zoology.	XVII. Botany.	XVIII. Principles of Mining.	XIX. Metallurgy, Theory.	XIX. *p*. Metallurgy, Pract.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.	XXV. Hygiene.
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ENGLAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Science.	I. Practical Plane & Solid Geometry.	II. Machine Construcⁿ & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	4 & 5.	6 & 7.	VIa. Theoretical Mechanics, Solids.
	DURHAM—*cont.*													
	COUNDON:													
11,137	School, Victoria Lane -	1885	W. Alderson -	J. Salkeld - -	..	10	..	..	..	..	..	..	..	..
	CROOK (BILLY ROW):													
1105	Pease's West Miners' Institute.	1871	R. Gill - -	R. Dawson - - S. Barkas - - J. Stoker - - R. Walton - - S. Candler - - W. Dover - - J. W. Cook - -	50	80	..	12	..	..	16	..	..	..
1154	Board School, Croft Street.	1876	" - -	J. Stoker - - T. W. Ryle - -	..	70	..	..	..	..	15	..	..	..
1174	*Board School, Helmington Row.*	1878	" - -	*T. Bell* - - *A. Wharton* -	..	30	..	..	..	..	10	..	..	10
	DARLINGTON:													
1104	*Board School, Albert Road.*	1886	*F. R. Steavenson.*	*A. Young* - - *W. R. Alton* - *P. G. Lawson* -	20	65	20	45	..	..	..	..	..	..
1104A	*Cookery School, Skinnergate.*	1892	" -	*A. B. Dresser* - *J. H. Price* - - *D. Foster* - - *W. Garthwaite* -	75	80	..	..	..	..	..	..	..	..
1104B	*Central Schools, Beaumont Street.*	1894	" -	*J. Bowker* - -	..	20	..	..	..	..	20	..	..	..
A1107	School of Art, Mechanics' Institute, Skinnergate.	1857	H. W. Massingberd.	E. A. Elton - - J. W. Hawkins -	100	..	..	..	..	..	..	..	..	..
†1178	Grammar School -	1878	J. Forster -	A. B. Dresser - P. Wood, M.A. - F. T. Widdowson, M.A. - - A. F. Hogg, M.A. J. H. Pryce -	85	108	..	..	..	..	96	..	..	..
11,111	*Board School, Kendrew Street.*	1883	*F. R. Steavenson.*	*W. E. Turnbull* - *A. E. Moncaster*	..	65	20	28	30	..	..	..	..	..
11,176	*Wesleyan School, Bondgate.*	1890	" -	*T. Hall* - - -	..	20	..	..	..	..	..	..	..	..
11,190	*Art Class, 8, Houndgate.*	1892	*J. F. Latimer*	*A. B. Dresser* -	42	..	..	..	..	..	..	..	..	..
	DUNSTON:													
11,140	Board School - -	1895	J. Henderson	J. H. Tate - -	..	12	..	12	..	..	..	..	..	..
	DURHAM:													
1109	School of Art, 64, Sadler Street.	1853	E. Laidler -	F. Thompson - A. Smith - -	150	..	..	..	..	..	..	..	..	..
1110	City Science School, 73, Sadler Street.	1877	H. Jepson -	J. H. Tate - A. Metcalfe - T. Burton - W. Ashcroft - F. W. Hunter -	..	100	24	30	24	..	30	..	..	..
1110B	Young Men's Church of England Association, 85, Claypath.	1893	" -	F. W. Hunter -	..	10	..	..	..	..	..	..	..	..
	FROSTERLEY:													
11,182	Reading Rooms, Old Church Room, 11, Holme Field.	1891	R. Bainbridge	J. Barker - I. Squire - -	..	33	..	..	..	..	..	..	..	..
	GATESHEAD:													
A1118	School of Science and Art, Public Art Library Swinbourne Street.	1886	T. Dickinson -	W. F. White - G. Pearson - -	150	30	•	..	•	..	..	..	..	..

ENGLAND.

VIB. Theoretical Mechanics, *Fluids*.	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	VIIIA. Sound.	VIIIB. Light.	VIIIC. Heat.	A.VIII. & IX. Alternative Physics.	IX. Magnetism and Electricity.	X. *t*. Inorganic Chemistry (Theory).	X. *p*. Inorganic Chemistry (Practl.)	XI. *t*. Organic Chemistry (Theory).	XI. *p*. Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Human Physiology.	XV. General Biology.	XVI. Zoology.	XVII. Botany.	XVIII. Principles of Mining.	XIX. Metallurgy, Theory.	XIX. *p*. Metallurgy, Pract.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.	XXV. Hygiene.
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ENGLAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Science.	I. Practical Plane & Solid Geometry.	II. Machine Constructⁿ & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1,2,3.	4 & 5.	6 & 7.	VIA. Theoretical Mechanics, *Solids.*
	DURHAM—*cont.*													
	GATESHEAD—*cont.*													
1152	Board School, Alexandra Road.	1876	E. J. Harding	A. A. Coates; H. Melross; H. Wilkinson; J. R. Douglass; L. A. Coates; C. H. Eastwood; T. Latham; R. Wilson; R. Armstrong; H. G. Templeton	120	160	27	40	6	..	40	6	..	..
1152A	Redheugh Board School, Prest Street.	1894	"	R. J. Robson; H. Smith	..	25	..	15	..	..	15	..	..	..
1159	North-Eastern Railway Literary Institute, Half Moon Lane.	1876	F. L. Armstrong	H. Wilkinson; T. Onions; C. Rutherford; J. Paxton; T. W. F. Scott; J. T. Graham; W. H. Atherton	20	90	20	65	..	..	35	..	..	14
1167	Abbot Memorial Industrial School, Durham Road.	1887	J. J. Gurney	C. W. Nichols; W. Weatherburn; T. Tate	..	71	..	42	20	..	17	..	..	..
†11,116A	Higher Grade School, Whitehall Road.	1884	E. J. Harding	E. G. Chatt; S. Whettem; T. Onions; J. W. Fraser; T. W. F. Scott; W. Miller; W. Lewins; J. G. McIntosh; E. Simpson; T. O. Story	40	200	30	90	15	..	60	12	..	..
11,116B	Higher Grade Girls' School, Durham Road.	1894	"	G. Wright; B. Gibb; M. Butterworth	72	72	72	..	..	..	72	..	..	..
11,116C	Board School, Sunderland Road.	1895	"	A. Lawford	..	20	..	20	..	..	..	..	..	..
11,117	Board School, South Street, Durham Road.	—	"	T. Onions; C. Rutherford; J. W. Hanson; W. Walker	..	65	..	50	20	..	20	..	..	..
11,178	*Board School, Sheriff Hill.*	*1890*	"	*G. Huntley*	..	*20*	..	*20*	..	..	..	..	..	..
	HARTLEPOOL (WEST):													
11,114	Mechanics' Institute, Athenæum, Church Street.	1883	H. Simpson	A. Barrett; T. Burton; T. Golightly; F. Moorsom; J. Steel	..	170	30	70	35	35	..	..	..	..
1115	Young Men's Christian Association, Whitby Street.	1886	"	H. Durkin; C. White	..	100	..	..	..	..	90	..	..	14
11,119	Saint Joseph's Convent, Victoria Road.	1892	G. Kilvington	C. Brodrick; B. McMahon	25	30	7	..	..	..	..	..	..	..
11,127	Church Close Board School (Boys).	1884	H. W. Bell	J. Maddison; L. Johnson	35	45	10	40	..	..	..	..	..	..
1147	School of Art, Victoria Buildings, Tower Stieet.	1874	H. Simpson	E. E. Denyer; J. W. Howey	130	..	..	..	..	..	..	..	..	..
†11,147	Upper Grade School, Park Road.	1884	J. R. Smith	M. E. Leech; C. H. Wyld; T. Hayes; J. W. Blenkiron; J. W. Patterson	40	150	55	..	..	..	20	..	..	..
1187	Henry Smith School	1893	R. Edgar	C. V. Howard; F. L. Ward, B.A.	30	16	..	..	..	..	16	..	..	..

ENGLAND.

	Theoretical Mechanics, *Fluids*. VIb.	Applied Mechanics. VII.	Sound, Light, and Heat. VIII.	Sound. VIIIa.	Light. VIIIb.	Heat. VIIIc.	Alternative Physics. A. VIII. & IX.	Magnetism and Electricity. IX.	Inorganic Chemistry (Theory). X. t.	Inorganic Chemistry (Practl.) X. p.	Organic Chemistry (Theory). XI. t.	Organic Chemistry (Practical). XI. p.	Geology. XII.	Mineralogy. XIII.	Human Physiology. XIV.	General Biology. XV.	Zoology. XVI.	Botany. XVII.	Principles of Mining. XVIII.	Metallurgy, Theory. XIX.	Metallurgy, Pract. XIX. p.	Navigation. XX.	Nautical Astronomy. XXI.	Steam. XXII.	Physiography. XXIII.	Principles of Agriculture. XXIV.	Hygiene. XXV.
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ENGLAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Science.	I. Practical Plane & Solid Geometry.	II. Machine Construcn & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	4 & 5.	6 & 7.	VIA. Theoretical Mechanics, *Solids.*
	DURHAM—*cont.* HARTLEPOOL (WEST)—*cont.*													
1199	Wesleyan School, Avenue Road.	1888	F. Mayson -	J. Dumbavand - J. W. Clark -	..	40	..	..	..	..	34	..	..	..
	HETTON-LE-HOLE:													
1171	Infants' Schools -	1886	The Secretaries	F. W. Armstrong J. Weatherburn - J. H. Tate - - H. Barnes - - R. H. Smallwood, B.A. - -	40	122	10	25	25	..	20	..	..	..
	HEWORTH:													
1170	High Heworth National School.	1878	J. Simpson -	A. Lawford - - T. Winlow - -	..	25	..	13	..	..	..	..	..	..
	HOUGHTON-LE-SPRING:													
11,168	Lambton Mixed Schools, Newbottle Street.	1895	T. S. Robson -	J. Smith - -	20	15	*	*	*	..	..	..	..	..
	HOWDEN-LE-WEAR:													
11,175	Colliery Schools, High Grange.	1890	J. Gowland -	W. J. Anderson -	..	30	..	..	..	..	17	..	..	..
11,197	Board Schools, Hargill Road.	1892	E. Milburn -	T. Bell - -	..	30	..	..	..	..	..	..	..	..
	HUNWICK:													
1190	National School -	1887	J. Gowland -	J. Henderson - T. Ryle - -	..	32	..	..	..	..	..	..	..	..
	HYLTON:													
1196	Ford Board School, Albion Street.	1893	J. Wild - -	S. Metcalfe - -	..	10	..	10	..	..	..	..	..	..
	JARROW-ON-TYNE:													
1120	Mechanics' Institute, Ellison Street.	1869	J. O'Connor	F. J. Maher - G. Fletcher - - H. J. Williams - J. W. Hanson - T. H. Watson - A. D. Jennings - G. M. Brown - T. Dodds - -	15	200	20	60	*	*	..	..	..	..
†1157	Grange Higher Grade School, Board School, Birch Street.	1886	G. Mason -	A. F. Richards - T. Priestland - C. K. Witton - E. F. Price, B.A. A. D. Jennings - W. S. Patterson -	80	100	15	..	..	..	25	..	..	..
	LANGLEY MOOR:													
1158	North Brancepeth Colliery School.	1892	Rev. J. Lawson, M.A.	W. Thompson -	..	12	..	12	..	..	..	..	..	..
	LINTZ GREEN:													
1,173	Board Schools - -	1895	R. Armstrong	J. H. Tate - -	..	10	..	10	.	..	..	..	..	..
	MIDDLETON-IN-TEESDALE:													
1,191	Grammar School, Wesley Terrace.	1892	J. Hutchinson	T. J. Cozens - -	12	6	6	..	..	..	..	..	..	..
	MURTON COLLIERY:													
1151	Boys' School, Railway Street.	1892	G. Watkin -	J. Stokoe - -	..	20	..	..	..	..	..	..	..	..
	NEWBOTTLE:													
1160	Wesleyan Schoolroom	1876	R. Richardson	F. W. Hunter -	..	50	..	..	..	..	15	..	..	..
1160A	Board School (Girls) -	1891	" -	J. Donald - - T. J. Jeffery - S. Metcalfe - -	30	25	10	12	..	..	..	..	..	..

ENGLAND.

Theoretical Mechanics, *Fluids*. VIB.	Applied Mechanics. VII.	Sound, Light, and Heat. VIII.	Sound. VIIIA.	Light. VIIIB.	Heat. VIIIC.	Alternative Physics. A.VIII. & IX.	Magnetism and Electricity. IX.	Inorganic Chemistry (Theory). X. *t.*	Inorganic Chemistry (Practl.) X. *p.*	Organic Chemistry (Theory). XI. *t.*	Organic Chemistry (Practical). XI *p.*	Geology. XII.	Mineralogy. XIII.	Human Physiology. XIV.	General Biology. XV.	Zoology. XVI.	Botany. XVII.	Principles of Mining. XVIII.	Metallurgy, Theory. XIX.	Metallurgy, Pracl. XIX. *p.*	Navigation. XX.	Nautical Astronomy. XXI.	Steam. XXII.	Physiography. XXIII.	Principles of Agriculture. XXIV.	Hygiene. XXV.
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School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Science.	I. Practical Plane & Solid Geometry.	II. Machine Construcⁿ & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1,2, 3.	4 & 5.	6 & 7.	VIA. Theoretical Mechanics, *Solids.*
	DURHAM—*cont.*													
	NEW BRANCEPETH COLLIERY:													
11,148	Colliery Schools	1888	L. Mould	R. Peel R. Loudon H. E. Millard T. F. Shevels	..	*	..	*	..	..	..	..	..	..
	NEW SEAHAM:													
11,122	Girls' School, Science and Art Classes, Vane Terrace.	1894	G. Brabais	R. A. Aird T. Rontree E. W. Bookey N. Scorer	20	50	15	15	..	..	20	..	..	..
	NEW SHILDON:													
11,132	Mechanics' Institute, Station Street.	1885	W. Bland	F. W. Smith J. Stoker	..	40	..	..	..	..	20	..	..	..
1132A	British School, Station Street.	1891	"	J. B. Bowman J. Fairclough J. R. Thackeray	50	30	20	30	..	..	..	..	..	..
	NEW SILKSWORTH:													
1145	The Schools	1875	F. S. Panton	J. Smith T. Rontree C. F. Jackson	25	40	12	12	12	..	..	..	..	..
	OAKENSHAW:													
1179	Young Men's Christian Association Hall.	1886	G. Brown	J. Hacker H. Collin	..	22	..	..	..	..	..	..	..	..
	OUSTON:													
11,152	Miners' Institute	1888	Rev. E. C. Alexander.	J. Weatherburn	..	30	..	..	..	..	..	..	..	..
	PELTON FELL (CHESTER-LE-STREET):													
1185	Schoolroom, Chapel Row.	1880	H. Henderson	J. Weatherburn	..	30	..	15	..	..	..	..	..	..
	RYHOPE:													
1153	*Central Co-operative Stores, Ryhope Street.*	*1886*	*Rev. C. E. Fynes-Clinton.*	*W. Brown* *J. Smith*	*30*	*30*	*	*	..	..	..	..	..	..
	RYTON:													
11,103	*Thorpe Schools, Barmoor.*	*1882*	*R. R. Pirrie*	*W. Heckels* *H. G. Templeton*	..	*35*	..	*	..	..	..	..	..	..
	SACRISTON:													
11,172	National School, Front Street.	1890	J. Nicholson	J. J. Moore R. Embleton S. Shepherd J. R. Jameson	..	60	15	15	..	..	15	..	..	..
	ST. HELEN'S (AUCKLAND):													
11,109	British School	1881	J. Ritson	T. Spark G. Wall	..	12	..	..	..	..	..	..	..	..
	SEAHAM HARBOUR:													
1123	Girls' National School, Church Street.	1874	W. Campbell	J. Smith A. Metcalfe	30	20	5	12	5	..	..	..	..	..
	SOUTH CHURCH (NEAR BISHOP AUCKLAND):													
1134	The Miners' Institute	1881	A. Allison	R. Linday J. Stoker	..	36	..	..	..	..	10	..	..	..
	SOUTH HETTON:													
1149	Boys' Schoolroom, Front Street.	—	Rev. J. H. Clarkson.	—	..	..	..	..	..	..	..	..	..	..
	SOUTH MOOR:													
1176	Infant School	1894	W. Laws	M. H. Kellett D. Dawson	..	40	..	..	..	..	15	..	..	..

ENGLAND.

Theoretical Mechanics, *Fluids.* VIB.	Applied Mechanics. VII.	Sound, Light, and Heat. VIII.	Sound. VIIIA.	Light. VIIIB.	Heat. VIIIC.	Alternative Physics. A. VIII. & IX.	Magnetism and Electricity. IX.	Inorganic Chemistry (Theory). X. *t.*	Inorganic Chemistry (Practl.). X. *p.*	Organic Chemistry (Theory). XI. *t.*	Organic Chemistry (Practical). XI. *p.*	Geology. XII.	Mineralogy. XIII.	Human Physiology. XIV.	General Biology. XV.	Zoology. XVI.	Botany. XVII.	Principles of Mining. XVIII.	Metallurgy, Theory. XIX.	Metallurgy, Pracl. XIX. *p.*	Navigation. XX.	Nautical Astronomy. XXI.	Steam. XXII.	Physiography. XXIII.	Principles of Agriculture. XXIV.	Hygiene. XXV.
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ENGLAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Science.	I. Practical Plane & Solid Geometry.	II. Machine Construcn & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1,2,3.	4 & 5.	6 & 7.	VIA. Theoretical Mechanics, *Solids.*
	DURHAM—*cont.*													
	SOUTH SHIELDS:													
1124	Public Library, Ocean Road.	1871	J. Park - -	J. Watson - -; J. W. Hanson -	40	35	10	25	..	..	..	..	..	..
1125	Board School (Boys'), Ocean Road.	1876	A. E. Leete -	A. Thomas - -; T. Stephenson -; J. Wonders - -; J. Robertson -; L. D. Penman -; E. H. Gibbon, M.B. - - -	70	60	10	..	20	..	..	..	..	..
†1125A	Higher Grade Board School, Westoe Road.	1889	" -	R. Wilson - -; R. J. S. Bertram; T. Onions - -; J. W. Burcham -; J. Robertson -; F. W. Jopling -; J. Wonders - -; A. Cawthorn -; D. T. Richards -	40	140	..	30	..	..	30	..	..	..
†1135	School of Science and Art, St. John's Higher Grade School, St. John's Terrace.	1886	A. D. Reid -	J. Smith - -; F. W. Angus -; T. Banks - -; T. H. Watson -; J. Grayson - -; G. R. Wood -; W. Byrne - -; C. S. Metcalf -; T. Rontree - -	20	230	20	40	40	20	20	..	..	10
1140	Industrial Training Ship "Wellesley."	1886	Captain H. Baynham, R.N.	G. W. Phaup -	..	31	..	..	..	..	..	..	..	..
1155	West Harton Colliery Institute, West Row.	1894	Rev. J. H. Barker.	W. Appleton -; H. Hook - -	..	40	..	..	..	..	..	..	..	..
1189	Marine School, Ocean Road.	1887	J. Stableford -	A. T. Flagg, M.A.; J. S. Carter - -; R. Traill - -; J. H. Robson -; H. G. Templeton	..	80	*	*	..	..	*	..	..	..
11,112	Board School, Laygate Lane.	1883	A. E. Leete -	W. Smith - -; G. Huntley - -; W. Stephenson -; J. West - -; L. D. Penman -	40	70	12	25	20	..	15	..	..	..
11,151	High School, Mowbray Road, Westoe Lane.	1888	J. Stableford -	J. Heys - -; J. T. F. Bowden; H. Clare - -	50	15	..	..	..	..	..	..	..	..
	STANHOPE:													
11,194	*Board School - -*	*1892*	*T. Philipson -*	*I. Squire - -*	..	*40*	..	..	..	..	..	..	..	..
11,194A	*New Bank Room - -*	*1893*	" -	*T. D. Collingwood - - -; J. Barker - -*	..	*26*	..	..	..	..	..	..	..	..
	STANLEY:													
11,149	National Schoolroom, Front Street.	—	Rev. W. H. Coney.	T. Rontree - -	..	20	..	..	..	..	..	..	..	..
	STOCKTON-ON-TEES:													
11,124	Young Men's Christian Association, Mill Lane, Dovecot Street.	1884	J. C. Fraser -	A. Goodall - -; C. T. Johnson -; C. M. Young -	..	80	..	..	20	..	..	..	..	..
1127	Board School, High Street, Norton.	1893	A. Brady -	J. Watson - -	20	10	10	..	..	..	..	..	..	..
11,130	Holy Trinity Boys' Higher Grade School, Yarm Lane.	1885	Rev. G. A. Purton, M.A.	R. W. Proud - -	..	25	..	..	..	..	..	..	..	.
1131	Bluecoat Schools, Norton Road.	1875	R. Jewitt -	E. R. Dowse -; J. W. Glover -	100	100	100	..	..	..	..	..	..	..
1133	Literary Institute, Dovecot Street.	—	G. D. Mowbray.	J. Allan - -; L. Johnson - -	60	90	40	80	20	..	..	..	..	..
†11,121	Blue Coat Schools, Norton Road.	—	—	—	*	*	..	..	..	..	..	..	..	..

ENGLAND.

VIB. Theoretical Mechanics, *Fluids.*	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	VIIIA. Sound.	VIIIB. Light.	VIIIC. Heat.	A. VIII. & IX. Alternative Physics.	IX. Magnetism and Electricity.	X. *t.* Inorganic Chemistry (Theory).	X. *p.* Inorganic Chemistry (Practl.).	XI. *t.* Organic Chemistry (Theory).	XI. *p.* Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Human Physiology.	XV. General Biology.	XVI. Zoology.	XVII. Botany.	XVIII. Principles of Mining.	XIX. Metallurgy, Theory.	XIX. *p.* Metallurgy, Pracl.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.	XXV. Hygiene.
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ENGLAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Science.	I. Practical Plane & Solid Geometry.	II. Machine Construcn & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	4 & 5.	6 & 7.	VIA. Theoretical Mechanics, *Solids.*
	DURHAM—*cont.*													
	SUNDERLAND:													
†1117	Higher Grade Board (Boys') School, Grange Road.	1890	T. W. Bryers -	J. M. Todd - E. Todd - - I. Dudgeon - - A. M. Rhind - R. G. Richardson, B.Sc. - - - F. A. Scholefield G. T. Ferguson - W. Walton, B.A. J. M. McKenzie - R. Littlehailes - J. Gamon - - W. Hood - - H. Williams R. Croft - - F. Woodward, B.A. - - - G. T. Brown - T. H. Watson - C. Metcalf - D. Woolacott, B.Sc. - - - W. C. Chappel - F. S. Straughier - R. W. Rudd -	383	606	230	16	30	30	294	30	2	92
1117A	Boys' Board School, Norfolk Street.	1886	" -	W. R. Neill - J. H. Robson - A. J. Torrance - E. J. Tiffin - - R. W. Rudd - W. L. Millburn -	..	135	..	130	..	..	30	..	..	..
1117B	Board School, Valley Road.	1890	" -	R. W. Rudd - H. Brown, B.A. - D. Woolacott, B.Sc. - - -	28	28	28	..	..	..	28	..	..	6
1117C	*Hendon Board School, Herrington Street.*	*1879*	" -	*R. W. Rudd* -	..	*20*	..	..	..	..	*20*	..	..	..
1117E	*Diamond Hall Board School, Franklin Street, Millfield.*	*1878*	" -	*R. Croft* - -	..	*12*	*12*	..	..	..	*12*	..	..	..
1117F	Board School, Stansfield Street, Monkwearmouth.	1894	" -	W. Sutherland -	..	20	..	20	..	..	..	..	..	..
1136	Bishopwearmouth National School, Rectory Park, Paley Street.	1873	W. Smith -	T. G. Card -	12	12	..	..	..	..	..	..	..	..
A1141	School of Science and Art, Town Hall, Athenæum Street.	1869	J. Patterson -	J. W. Stubbs - E. W. Brown - J. Bevan - - W. K. Blacklock H. Raine - - W. Steel - - W. R. Neill -	175	50	15	25	10	..	..	..	..	..
1143	Young Men's Christian Association, 30, John Street.	1877	H. Johnson -	T. J. F. Bawden C. S. Metcalfe - H. Barnes - - G. A. Lax - - A. R. Ortton - C. F. Hardy - A. Metcalfe - -	30	250	..	36	35	70	50	..	..	..
1144	Hendon Church Institute, Smyrna Place, Borough Road.	1877	W. C. Scott -	C. S. Metcalfe - A. Metcalfe - - S. Metcalfe -	..	80	..	60	..	..	..	..	..	..
144A	St. Thomas's Church Institute, Sussex Street.	1893	" -	A. V. Stevenson -	..	15	..	..	..	..	15	..	..	..
144B	St. Thomas' Lecture Hall, John Street.	1894	" -	C. S. Metcalfe - A. Metcalfe - S. Metcalfe - -	..	25	..	25	..	..	..	..	..	..

ENGLAND.

Theoretical Mechanics, *Fluids*. VIb.	Applied Mechanics. VII.	Sound, Light, and Heat. VIII.	Sound. VIIIa.	Light. VIIIb.	Heat. VIIIc.	Alternative Physics. A.VIII. & IX.	Magnetism and Electricity. IX.	Inorganic Chemistry (Theory). X. *t*.	Inorganic Chemistry (Practl.). X. *p*.	Organic Chemistry (Theory). XI. *t*.	Organic Chemistry (Practical). XI. *p*.	Geology. XII.	Mineralogy. XIII.	Human Physiology. XIV.	General Biology. XV.	Zoology. XVI.	Botany. XVII.	Principles of Mining. XVIII.	Metallurgy, Theory. XIX.	Metallurgy, Pracl. XIX. *p*.	Navigation. XX.	Nautical Astronomy. XXI.	Steam. XXII.	Physiography. XXIII.	Principles of Agriculture. XXIV.	Hygiene. XXV.
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	DURHAM—*cont.*													
	SUNDERLAND—*cont.*													
1168	Co-operative Store Science and Art Classes, Green Street.	1878	J. Summersgill.	A. Metcalfe	..	30	..	30	..	..	..	..	..	..
1168A	Co-operative Society, Hylton Road.	1894	"	A. Metcalfe	..	6	..	6	..	..	..	..	..	..
1184	Southwick Boys' Board School, Fulwell Road.	1879	H. Lovatt	J. Smith	20	10	5	5	5	..	..	..	..	..
	SWALWELL:													
11,153	Board Schools, Market Lane.	1888	R. J. A. Whitfield.	J. H. Tate	..	12	10	12	..	..	..	..	..	..
	TRIMDON GRANGE:													
1150	Colliery School, Salters Lane.	1894	J. Phillips	T. Rontree	..	20	..	..	..	..	..	..	..	..
	WATERHOUSES:													
1114A	Miners' Institute	1883	E. S. Pye	T. T. Mawson M. Wharton	..	40	..	..	..	..	15	..	..	..
	WILLINGTON:													
1192	Board School, Chapel Street.	1894	J. W. Hudspeth.	G. E. Darbyshire	10	..	..	..	..	..	..	..	..	..
	WOODLAND:													
11,171	Colliery School	1889	T. Bell	H. Hall M. C. S. Barron	..	20	..	..	..	..	..	..	..	..
	ESSEX.													
	BARKING:													
1261	Technical School, East Street.	1891	J. S. Edwards	W. Craister J. Hornby C. H. Robinson T. Radford	50	80	25	..	..	..	..	..	..	..
	BRAINTREE:													
1201	Art Class, Manor Street Board School.	—	H. Gibbs	C. H. Baskett	100	20	15	..	10	..	..	..	..	..
	BUCKHURST HILL:													
1234	The Epping Forest Science and Art Class, 8, Knighton Villas.	1879	B. E. W. Siffken.	J. E. Cole H. A. Cole	35	4	4	..	..	..	..	..	..	..
	CANNING TOWN:													
1232	Thames Iron Works, Science Class, Public Hall, Barking Road.	1887	J. H. Worsfold.	C. E. Grove A. C. Coomes R. Warriner C. Daniels	..	*	*	*	..	*	*	..	*	..
	CHELMSFORD:													
†1249	King Edward VI. Grammar School, Broomfield Road.	1885	W. W. Duffield	W. H. Hewitt, B.A. C. F. Pea, B.A. B.Sc. C. W. Atkinson, B.A.	50	100	..	..	..	..	*	..	..	*
1284	Technical Rooms, Crane Court, High Street.	1893	T. Dixon	C. H. Baskett	50	25	20	8	..	..	..	..	..	..
	CLACTON-ON-SEA:													
1208	Wesleyan Schoolroom, Pier Avenue.	1894	C. H. Grosvenor	A. R. Barber A. S. Wilson	30	20	..	..	..	..	..	..	..	..

ENGLAND.

Theoretical Mechanics, *Fluids*. VIB.	Applied Mechanics. VII.	Sound, Light, and Heat. VIII.	Sound. VIIIA.	Light. VIIIB.	Heat. VIIIC.	Alternative Physics. A.VIII. & IX.	Magnetism and Electricity. IX.	Inorganic Chemistry (Theory). X. *t*.	Inorganic Chemistry (Practl.) X. *p*.	Organic Chemistry (Theory). XI. *t*.	Organic Chemistry (Practical). XI. *p*.	Geology. XII.	Mineralogy. XIII.	Human Physiology. XIV.	General Biology. XV.	Zoology. XVI.	Botany. XVII.	Principles of Mining. XVIII.	Metallurgy, Theory. XIX.	Metallurgy, Pract. XIX. *p*.	Navigation. XX.	Nautical Astronomy. XXI.	Steam. XXII.	Physiography. XXIII.	Principles of Agriculture. XXIV.	Hygiene. XXV.
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ENGLAND.

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	ESSEX—*cont.*													
	COLCHESTER:													
A1256	Albert School of Science and Art, High Street.	1885	S. B. Daniell -	C. E. Baskett -, C. H. Baskett, K. Brignell - -, C. E. Benham -, E. M. Bedwell -, E. A. Slater -, W. Q. Brown -, S. Eddy - -, Rev. J. Thomas, B.A. - - -	84	130	35	30	30	..	10	..	..	..
	EARL'S COLNE:													
1211	Grammar School -	1894	J.W.Matthews, B.A.	A. J. Appleton, B.A.	..	12	..	..	..	..	3	..	..	3
	GRAYS:													
1233	Board School, Quarry Hill.	1887	T. Jessop -	A. J. Connabeer -, F. H. Howe -, H. S. Holme, M.A. - - -, W. Goodyear -, W. Rheam, B.Sc.	85	80	25	10	12	..	25	..	..	..
1233G	West Thurrock Board School.	1892	" -	G. A. Pepper -	..	12	..	..	..	..	..	..	..	..
1233J	Technical Instruction Classes, Palmer's Endowed School.	1894	" -	W. Rheam, B.Sc. -	..	15	..	..	..	..	..	..	..	..
1285	Palmer's Endowed School (Boys').	1895	T. A. Capron -	—	..	..	..	..	..	..	..	..	..	..
1285A	Palmer's Endowed School (Girls').	1895	" -	—	..	..	..	..	..	..	..	..	..	..
	HALSTEAD:													
1276	Co-operative Stores, Trinity Street.	1892	E. J. Potter -	C. H. Baskett -, M. Morton - -	71	..	..	..	..	..	..	..	..	..
	LEYTON:													
1270B	*Buckholt School, Quarter Mile Lane.*	*1892*	*R. Vincent* -	*H. Turville* -, *H. J. Bateman* -	*30*	*12*	..	..	*12*	..	..	..	..	..
1270D	*Board School, Newport Road.*	*1893*	" -	*J. Murrison* -, *F. A. Farrar* -, *J. W. Ward* -	..	*20*	*15*	..	..	..	..	..	..	..
1273	*Lecture Hall, James Lane.*	*1892*	*W. Abbott* -	*F. A. Farrar* -	..	*12*	..	..	..	..	..	..	..	..
	LEYTONSTONE:													
1270	*Board School, Mayville Road.*	*1892*	*R. Vincent* -	*A. Willett* - -, *J. Goodfellow, Ph.D.* - -	*60*	*10*	*10*	..	..	..	..	..	..	..
1270C	*Board School, Cann Hall Lane.*	*1892*	" -	*H. Trulove* - -	..	*40*	..	..	..	..	..	..	..	..
	MALDON:													
1286	British School, Market Hill.	1893	L. Bentall -	F W. Moss - -	..	12	..	..	..	..	..	..	..	..
1286A	Temperance Hall, Market Hill.	1894	" -	A. W. Heaver -	..	15	..	..	..	..	..	..	..	..
	ONGAR:													
1228	Trust School, High Street.	1886	H. B. Brown -	G. H. Heathcote -	14	2	2	..	..	..	..	..	..	..
	ORSETT:													
1233B	National School -	1891	T. Jessop -	T. Jones - -	12	..	..	..	..	..	..	..	..	..
	PRITTLEWELL:													
1264	Church of England School, East Street.	1891	M. Gower -	E. P. McCarthy -	10	..	..	..	..	..	..	..	..	..
	RAYLEIGH:													
1268	Boys' School, High Street.	1891	A. J. Arthy -	T. E. C. Histed -	9	..	..	..	..	..	..	..	..	..

ENGLAND.

VIB. Theoretical Mechanics, *Fluids*.	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	VIIIA. Sound.	VIIIB. Light.	VIIIC. Heat.	A.VIII. & IX. Alternative Physics.	IX. Magnetism and Electricity.	X. t. Inorganic Chemistry (Theory).	X. p. Inorganic Chemistry (Practl.).	XI. t. Organic Chemistry (Theory).	XI. p. Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Human Physiology.	XV. General Biology.	XVI. Zoology.	XVII. Botany.	XVIII. Principles of Mining.	XIX. Metallurgy, Theory.	XIX. p. Metallurgy, Practl.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.	XXV. Hygiene.
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School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Total Number of Individual Students. Science.	I. Practical Plane & Solid Geometry.	II. Machine Construcn & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1,2, & 3.	V. Pure Mathematics. Stages 4 & 5.	V. Pure Mathematics. Stages 6 & 7.	VIa. Theoretical Mechanics, Solids.
	ESSEX—*cont.*													
	ROCHFORD:													
1266	Board School, Church Street.	1891	A. J. Arthy -	T. E. C. Histed -	16	..	..	..	..	..	..	..	..	..
	ROMFORD:													
1233K	*Science School, Blucher Head Yard, Market Place.*	*1894*	*G. Bailey* -	*F. Hughes* - -	..	*14*	..	..	..	..	..	..	..	..
	SAFFRON WALDEN:													
1237	Stanmore House School, High Street.	1883	J. S. Jones -	L. R. Mitchell - R. H. Ward -	55	6	6	..	..	..	..	..	..	..
1274	Friend's School, Mount Pleasant Road.	1892	C. E. Robson	F. R. Arundel - L. Fairbrother - J. E. Walker - H. S. Lean -	30	45	..	..	..	..	..	..	..	..
1289	*Grammar School* -	*1894*	*B. Achland* -	*J. G. Lord, M.A.* -	..	*35*	..	..	..	..	..	..	..	..
	SILVERTOWN:													
1239	*Tate Institute, Albert Road.*	*1889*	*J. Hine* - -	*F. Boddy* - -	..	*20*	*	*	*	..	..	..	..	..
	SOUTHEND:													
†1243	The Institute, Clarence Road.	1886	J. C. F. Hemmann.	J. Hitchcock - R. Leach - - A. J. Parkin - H. W. Unthank -	100	50	20	..	15	..	..	..	..	..
	STANFORD-LE-HOPE:													
1233A	National School -	1891	T. Jessop -	W. H. Parren -	12	..	..	..	..	..	..	..	..	..
	STRATFORD:													
1212	Great Eastern Railway Mechanics' Institute, David Street.	1871	A. W. Polley -	R. H. Haylock - W. R. Stokes - V. B. Smith - J. Quick - - C. J. Topple -	..	130	30	70	..	..	40	..	..	6
†1213	Carpenters' Institute, Jupp Road, Lett Road.	1887	S. W. Preston	W. M. Dixon - H. Long - - E. A. Willsteed - T. Manners - E. Lousley - - W. A. Ruggins -	120	230	50	30	200	..	20	..	..	10
1219A	Upton Lane Board School.	1894	C. M. Carrell -	J. Mein - - G. Gummer - F. R. Branch - H. W. Riches -	170	110	54	..	..	..	40	..	..	..
1219B	Russell Road Board School, Victoria Docks.	1894	" -	E. A. Branch - E. W. Hodges - W. H. Ridgley - J. E. St. John -	170	130	60	..	..	..	45	..	..	..
	WALTHAMSTOW:													
A1252	School of Science and Art, Grosvenor House, Hoe Street.	1883	G. S. Fry -	W. H. Milnes - A. Beken - - E. J. Ricketts -	250	100	100	..	..	..	..	..	..	..
1252B	High School for Girls, Church Hill.	1891	" -	B. Hewett - - L. Milledge - - L. E. Bryant -	..	30	..	..	..	..	25	..	..	..
†1242	Monnoux School, High Street.	1887	T. S. Taylor -	H. A. Allpass - W. F. Spivey - A. H. Prowse - J. W. Ward - E. Evan Jones -	50	70	64	..	..	..	64	..	..	..
1292	Trinity Congregational School, West Avenue.	1895	M. Jones -	S. J. Abbott - -	..	30	..	..	..	..	..	..	..	..
	Science School, Grosvenor House, Hoe Street.	1895	J. K. Moore -	S. T. Bryant - J. Davis - - W. J. May, M.B.	..	190	..	..	30	..	..	..	..	..

ENGLAND.

Theoretical Mechanics, *Fluids*. VIB.	Applied Mechanics. VII.	Sound, Light, and Heat. VIII.	Sound. VIIIA.	Light. VIIIB.	Heat. VIIIC.	Alternative Physics. A VIII. & IX.	Magnetism and Electricity. IX.	Inorganic Chemistry (Theory). X. *t.*	Inorganic Chemistry (Practl.). X. *p.*	Organic Chemistry (Theory). XI. *t.*	Organic Chemistry (Practical). XI. *p.*	Geology. XII.	Mineralogy. XIII.	Human Physiology. XIV.	General Biology. XV.	Zoology. XVI.	Botany. XVII.	Principles of Mining. XVIII.	Metallurgy, Theory. XIX.	Metallurgy, Pracl. XIX. *p.*	Navigation. XX.	Nautical Astronomy. XXI.	Steam. XXII.	Physiography. XXIII.	Principles of Agriculture. XXIV.	Hygiene. XXV.
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ENGLAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Science.	I. Practical Plane & Solid Geometry.	II. Machine Construcⁿ & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	4 & 5.	6 & 7.	VI. Theoretical Mechanics, *Solids.*
	ESSEX—*cont.*													
1222	WANSTEAD: Infant Orphan Asylum	1872	H. W. Green -	J. Jennings - E. E. Lear -	..	40	..	..	..	..	40	..	..	..
1267	WITHAM: National Schoolrooms, Guithavon Street.	1891	W. B. Blood -	K. Brignell - -	40	..	..	..	..	..	..	..	..	..
	GLOUCESTERSHIRE.													
1302	BRIMSCOMBE: Polytechnic Testimonial School, London Road.	1891	E. E. Evans -	W. L. Randall - C. W. B. Nash - P. L. Smith - J. Wilkinson -	70	40	8	12	..	..	..	..	..	..
1305	BRISTOL: Castle Board School, Castle Green.	1890	B. Wilson -	J. Fisher - - A. J. Singleton - W. H. Board - H. J. Palmer -	227	60	60	..	..	..	..	..	..	..
A1307	School of Science and Art, Merchant Venturers' Technical College, Unity Street.	1856	G. H. Pope, J.P.	J. Wertheimer, B.A., B.Sc. - J. Munro - - W. Wilson, M.A. J. Leicester, Ph.D. G. Brace, M.A. - G. P. Darnell-Smith, B.Sc. - H. A. Webb, B.A. T. Dobson, B.A., B.Sc. - - F. W. Shurlock, B.A., B.Sc. - G. Smith, B.A. - J. C. Heaven, M.R.C.S., L.R.C.P. W. W. Sawtell, B.A. - - - E. F. White - A. E. Thomas - E. H. Dixon - C. E. Boucher, B.Sc. - - - C. E. Stacy - - G. D. Thomas - H. W. Nicholas - F. C. Webber - C. E. Hill - - G. R. Curthoys - A. McHelmore - G. George - - J. Shields - - C. Derrick - - J. W. Jubb - - R. Millen - - W. B. Wood -	750	1250	*	*	*	..	*	*	*	*
1308	Wesleyan School, North Street, Stokescroft.	1869	C. J. Lowe -	H. G. Hill - -	..	15	..	..	..	..	..	..	..	..
A1310	School of Science and Art, Queen's Road.	1853	D. C. A. Cave, J.P.	R. E. J. Bush - A. J. Watson - E. Fabian - - A. R. F. Trew -	250	90	60	12	30	..	..	..	..	..

ENGLAND.

Theoretical Mechanics, *Fluids*. VIb.	Applied Mechanics. VII.	Sound, Light, and Heat. VIII.	Sound. VIIIa.	Light. VIIIb.	Heat. VIIIc.	Alternative Physics. A.VIII. & IX.	Magnetism and Electricity. IX.	Inorganic Chemistry (Theory). X. *t*.	Inorganic Chemistry (Practl.) X. *p*.	Organic Chemistry (Theory). XI. *t*.	Organic Chemistry (Practical). XI. *p*.	Geology. XII.	Mineralogy. XIII.	Human Physiology. XIV.	General Biology. XV.	Zoology. XVI.	Botany. XVII.	Principles of Mining. XVIII.	Metallurgy, Theory. XIX.	Metallurgy, Pract. XIX. *p*.	Navigation. XX.	Nautical Astronomy. XXI.	Steam. XXII.	Physiography. XXIII.	Principles of Agriculture. XXIV.	Hygiene. XXV.
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ENGLAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Total Number of Individual Students. Science.	I. Practical Plane & Solid Geometry.	II. Machine Construct. & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	V. Pure Mathematics. Stages 4 & 5.	V. Pure Mathematics. Stages 6 & 7.	VIa. Theoretical Mechanics, *Solids*.
	GLOUCESTERSHIRE —*cont.*													
	BRISTOL—*cont.*													
A1310A	Branch School of Science and Art, Board School, Windmill Hill, Bedminster.	1891	D. C. A. Cave, J.P.	F. M. Andrews -	50	10	10	..	..	..	..	..	..	..
A1310C	Branch School of Science and Art, Board School, Newfoundland Road.	1891	" -	C. R. Fry - - F. Clarke - - T. Siminson -	40	30	30	..	..	..	..	..	..	..
A1310D	Branch School of Science and Art, S. Lawrence Parish Room, Lead House Lane.	1892	" -	C. R. Fry - - T. Siminson - C. B. Gulhey - E. Fabian - - F. M. Andrews - G. A. Chapman - A. R. F. Trew -	90	30	30	30	30	..	..	..	..	..
A1310E	Branch School of Science and Art. Bright Bow School Buildings, The Causeway, Bedminster.	1892	" -	W. H. Board - J. C. Blatchford - M. C. Fisher - E. Fabian - - F. M. Andrews - G. A. Chapman - A. R. F. Trew -	80	50	•	•	•	..	..	..	..	..
1313A	University College, Tyndall's Park.	1880	J. Rafter -	F. R. Barrell, M.A., B.Sc. - H. A. Garratt - A. E. Mackett -	..	50	12	15	..	..	48	..	..	18
A1315	School of Science and Art, Kensington House, 30, Berkeley Square.	1896	E. T. Daniell -	J. H. Fisher - G. H. Peet - - C. A. Sheehan - A. Treasure -	312	20	20	..	..	..	..	..	..	..
1316	Clifton Laboratory, 27, Berkeley Square.	1890	H. J. Walker -	E. H. Cook - S. B. Froude - H. J. Palmer - A. Smith - - F. G. Tyler - - A. W. Peake -	..	100	..	6	..	..	20	..	..	15
†1317	Higher Grade and Technical School, St. George.	1894	J. Welsh -	F. Pickles, M.A. - J. W. Watson - T. S. Heppenstall M. Wills -	120	105	..	..	..	..	90	..	..	..
1381	Edmond's Trust School, Gloucester Road, Horfield.	1891	J. H. Codrington-Hobkirk.	A. F. R. Trew - G. A. Chapman -	..	10	..	..	10	..	..	..	..	..
1381A	Bishopston Girls' School, Gloucester Road.	1891	" -	T. Derlin - -	..	10	..	..	..	..	..	..	..	..
1381B	British School, Berkley Road, Bishopston.	1891	" -	G. E. Brown - F. D. Morris -	20	..	..	..	..	..	..	..	..	..
1385	*Summerhill Board School, St. George.*	*1891*	*J. Welsh* -	*J. G. Smith* - *A. E. Peake* -	..	•	..	•	..	..	..	..	..	..
	CHARLTON KINGS:													
1387	St. Clair Ford Hall, Working Men's Club, Church Street.	1889	H. Edwards -	C. Capps - - R. W. Pearson -	30	10	10	..	..	..	..	..	..	..
	CHELTENHAM:													
1322	Parish Church Boys' School, Devonshire Street.	1867	C. Marshall -	F. F. Wheeler - L. V. Wheeler - A. C. White -	30	30	30	..	..	..	..	..	..	..
1324	Practising School Training College, Swindon Road.	1888	" -	J. McFee, B.A. -	20	45	20	..	..	..	..	..	..	..
1325	Christ Church Higher Grade National School, Malvern Rd.	1871	Major-General J. W. F. Bean.	J. Davis - -	30	40	12	..	..	..	..	..	..	..

ENGLAND.

Theoretical Mechanics, *Fluids*. VI b.	Applied Mechanics. VII.	Sound, Light, and Heat. VIII.	Sound. VIII A.	Light. VIII B.	Heat. VIII C.	Alternative Physics. A. VIII. & IX.	Magnetism and Electricity. IX.	Inorganic Chemistry (Theory). X. *t*.	Inorganic Chemistry (Practl.) X. *p*.	Organic Chemistry (Theory). XI. *t*.	Organic Chemistry (Practical). XI. *p*.	Geology. XII.	Mineralogy. XIII.	Human Physiology. XIV.	General Biology. XV.	Zoology. XVI.	Botany. XVII.	Principles of Mining. XVIII.	Metallurgy, Theory. XIX.	Metallurgy, Practl. XIX. *p*.	Navigation. XX.	Nautical Astronomy. XXI.	Steam. XXII.	Physiography. XXIII.	Principles of Agriculture. XXIV.	Hygiene. XXV.
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ENGLAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Science.	I. Practical Plane & Solid Geometry.	II. Machine Construc^n & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	4 & 5.	6 & 7.	VIA. Theoretical Mechanics, Solids.
	GLOUCESTERSHIRE —*cont.*													
	CHELTENHAM—*cont.*													
A1335	School of Science and Art, Clarence Street.	1853	Dr. E. T. Wilson	C. S. Millard - H. S. Canick - F. Thomas - - C. C. Smith - -	350	55	55	..	..	..	..	..	..	..
†1367	Grammar School, High Street.	1882	Major A. K. Abbott.	A. W. Carter - B. S. Gott, M.A. - W. G. Oldland, M.A. - - - W. P. Winter, B.Sc. - -	30	36	..	..	..	..	10	4	..	6
1367A	Public School of Science Technical School, Free Library Buildings, Clarence Street.	—	" -	W. P. Winter, B.Sc. - - B. S. Gott, M.A. -	10	85	12	..	30	..	10	..	..	8
	CHIPPING-CAMDEN:													
1394	Technical School, High Street.	1892	A. A. Grosvenor, B.A.	H. Morris - -	20	..	..	..	..	..	..	..	..	..
	CINDERFORD:													
1390	Bilson Board School -	1891	J. Bradstock -	H. Howells - -	40	25	25	..	..	..	..	..	..	..
	CIRENCESTER:													
A1336	School of Science and Art, Corn Hall Buildings, Market Place.	1860	E. B. Haygarth.	C. Stolle - -	140	30	30	..	..	..	..	..	..	..
	COLEFORD:													
1338	St. John's Boys' School, Bowen's Hill.	1891	Mrs. A. Curwen.	M. Garland - -	35	6	6	..	..	..	..	..	..	..
	DURSLEY:													
1391	Grammar School, Woodmancote.	1892	J. H. E. Howard	J. F. Chambers -	..	20	..	..	..	..	..	..	..	..
	FAIRFORD:													
1353	*Croft Hall, Croft* -	*1891*	*T. de L. Hardy*	*J. Taylor* - - *C. Stolle* - -	*30*	*20*	*20*	..	..	..	..	..	..	..
	GLOUCESTER:													
A1340	School of Art, 4, Brunswick Road.	1859	The Secretaries	A. Englefield - J. T. Jordan - F. Thomas - - G. F. A. Belcher A. F. M. Allan - H. C. James - W. Nicholls - J. H. Bakes - M. E. Embrey - J. A. Franklin - E. W. Switzer - R. C. Essex - - F. Farmer - - A. W. Sisson - W. J. Lait - - W. S. Hill - -	240	130	25	30	20	..	20	..	..	..
1370	Sir Thos. Rich's School, Barton Street.	1882	T. H. Washbourn.	J. Crofts - - W. S. Hill - - F. Farmer - - J. A. Franklin - E. E. Sly - -	70	120	..	..	..	..	..	..	..	..
1374	National School, London Road.	1886	Rev. A. C. Eyre	A. Ballinger - G. Roberts - - W. A. Duckham - G. R. Dawson - H. N. James - H. T. Sisson - E. W. A. Carter - F. H. Witts - - M. E. Embrey -	150	200	40	25	20	..	..	..	..	..

ENGLAND.

Theoretical Mechanics, *Fluids*.	Applied Mechanics.	Sound, Light, and Heat.	Sound.	Light.	Heat.	Alternative Physics.	Magnetism and Electricity.	Inorganic Chemistry (Theory).	Inorganic Chemistry (Practl.)	Organic Chemistry (Theory).	Organic Chemistry (Practical).	Geology.	Mineralogy.	Human Physiology.	General Biology.	Zoology.	Botany.	Principles of Mining.	Metallurgy, Theory	Metallurgy, Pract.	Navigation.	Nautical Astronomy.	Steam.	Physiography.	Principles of Agriculture.	Hygiene.
VIb.	VII.	VIII.	VIIIA.	VIIIB.	VIIIC.	*A.* VIII. & IX.	IX.	X. *t.*	X. *p.*	XI. *t.*	XI. *p.*	XII.	XIII.	XIV.	XV.	XVI.	XVII.	XVIII.	XIX.	XIX. *p.*	XX.	XXI.	XXII.	XXIII.	XXIV.	XXV.
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ENGLAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Science.	I. Practical Plane & Solid Geometry.	II. Machine Construcⁿ & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1,2,3.	4 & 5.	6 & 7.	VIa. Theoretical Mechanics, *Solids.*
	GLOUCESTERSHIRE —*cont.*													
	LYDBROOK:													
1396	National Schools	1893	H. A. S. Thomas	H. Howells	25	..	..	..	..	..	..	..	..	..
	LYDNEY:													
A*1378*	*School of Science and Art, Town Hall, The Cross.*	*1889*	*R. B. Thomas*	*H. Howells*, *M. Garland*, *J. Dawe*	*140*	*35*	*20*	..	..	..	*35*	..	..	..
*1378*A	*National School*	*1892*	"	*J. Dawe*	..	*35*	..	..	..	..	*35*	..	..	..
	NAILSWORTH:													
1389	St. Loe's School, Amberley.	1892	A. E. Smith	G. H. Timms	50	..	..	..	..	..	..	..	..	..
1389B	National School, Church Street.	1894	"	"	12	..	..	..	..	..	..	..	..	..
	SAUL:													
1393	British School	1892	C. A. Field	J. T. Mills	..	15	..	..	..	..	..	..	..	..
	STROUD:													
A1350	School of Science and Art, High Street, Lansdown.	1860	W. H. C. Fisher	W. Broad	180	*	12	12	..	..	..	..	..	..
1386	Marling School	1892	F. Winterbotham.	W. Broad, W. J. Greenstreet, A. Abbott	*	*	..	..	..	..	60	3	3	30
1372	Board School, Church Street.	1895	"	J. W. Ricketts, C. W. B. Nash, G. H. Ferneley, W. E. Britland	40	40	..	..	..	..	..	..	..	..
	TETBURY:													
1397	Collegiate School, Long Street.	1895	T. S. Crew	C. Stolle	22	..	..	..	..	..	..	..	..	..
	TEWKESBURY:													
1354	Town Hall Buildings, High Street.	1873	W. Darbyshire	P. M. Randerson	60	..	..	..	..	..	..	..	..	..
1354A	Science Class Rooms, The Oldbury.	1893	"	H. Matthews, B.Sc.	..	30	..	..	..	..	..	..	..	..
1358	*Higher School for Girls, 17, Church Street.*	*1890*	*J. I. Mercer*	*E. Martin*	*18*	*10*	..	..	..	..	..	..	..	..
	HAMPSHIRE.													
	ALDERSHOT:													
1428A	The Institute, Victoria Road.	1894	N. Clinton	E. E. Sprigges, E. M. L. Langrish	20	10	10	..	..	..	..	..	..	..
	ALTON:													
1402	Mechanics' Institute, Assembly Rooms, High Street.	1879	J. Boggust	G. H. Catt	60	..	..	..	..	..	..	..	..	..
1436	Eggar's Grammar School.	1894	A. F. M. Downie	J. H. Horwill, G. J. Poole, F. C. Bentley	28	25	..	..	..	..	15	..	..	..
	ANDOVER:													
A1403	School of Science and Art, Institute, Bridge Street.	1854	P. E. J. Talbot	S. C. Seaward, A. E. Reynolds, M. E. Beale	65	8	8	..	..	..	..	..	..	..
1468	The Grammar School, New Street.	1892	"	Rev. J. C. Witton, B.A., B.Sc., E. J. Thomas, C. Stead	42	42	..	..	..	..	*	..	..	..
	BASINGSTOKE:													
1459	Board School, Fairfields.	1891	R. S. Waller	A. W. Seaby, A. E. Collings, A. Robinson, E. Close	40	36	20	12	..	..	..	..	..	..
†*1471*	*Queen Mary's School, Working Road.*	*1894*	*G. Lear*	*Rev. J. H. Chadwick*, *T. V. Philpott*	*40*	*40*	..	..	..	..	*40*	..	..	..

ENGLAND.

Theoretical Mechanics, *Fluids*. VIb.	Applied Mechanics. VII.	Sound, Light, and Heat. VIII.	Sound. VIIIa.	Light. VIIIb.	Heat. VIIIc.	Alternative Physics. *A.* VIII. & IX.	Magnetism and Electricity. IX.	Inorganic Chemistry (Theory). X. *t.*	Inorganic Chemistry (Pract.) X. *p.*	Organic Chemistry (Theory). XI. *t.*	Organic Chemistry (Practical). XI. *p.*	Geology. XII.	Mineralogy. XIII.	Human Physiology. XIV.	General Biology. XV.	Zoology. XVI.	Botany. XVII.	Principles of Mining. XVIII.	Metallurgy, Theory. XIX.	Metallurgy, Pract. XIX. *p.*	Navigation. XX.	Nautical Astronomy. XXI.	Steam. XXII.	Physiography. XXIII.	Principles of Agriculture. XXIV.	Hygiene. XXV.
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ENGLAND.

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	HAMPSHIRE—*cont.*													
	BOURNEMOUTH (EAST):													
A1418	School of Science and Art, People's Institute, Drummond Road.	1890	J. J. Aston	A. J. Lobley, L. T. Lobley, J. Savage, F. Blakeley, A. Holloway, R. Cooper, W. H. Perkins, M.A., R. Fairbrother, LL.A.	454	412	..	..	23	..	..	5	..	..
A1451	School of Science and Art, Technical School, Poole Hill.	1889	A. H. Hall	H. Shroder, H. Jones, W. Reece, J. H. Stanley, A. Holloway, W. Woodhouse	400	150	30	..	40	..	..	..	..	..
	COWES (WEST) (ISLE OF WIGHT):													
1460	*Schoolroom, St. Mary's Street.*	*1891*	*H. C. Damant*	*J. G. K. Day*, *T. Young*	...	*35*	..	*35*	..	..	..	..	..	..
	EASTLEIGH:													
1455	London and South-Western Railway Institute, Leigh Road.	1891	G. A. Purkess	D. L. Rose, T. P. Rennoldson, G. F. Knight, A. Shepherd	20	75	25	12	12	..	15	..	..	..
	FAREHAM:													
1456	*Girls' Board School*	*1891*	*G. A. Gale*	*A. Fisher*, *J. H. Fisher*, *R. Bennett*	*40*	*22*	*10*	..	..	..	..	..	..	..
1472	Modern School, West Street.	1893	"	J. H. Horwill, W. S. Beard, A. R. Blackburn	40	30	..	..	..	..	20	..	..	..
	GOSPORT:													
1409	Star Chambers, High Street.	1873	S. J. Woodman	E. Draycott	50	30	10	..	8	..	..	..	..	..
	HAVANT:													
1474	Technical School, North Street.	1894	C. R. Jones	A. Fisher, J. H. Fisher	20	20	20	..	..	..	..	..	..	..
	LIPHOOK:													
1473	Schoolroom	1893	Rev. H. C. Stokes.	L. D. Crowther	20	..	..	..	..	..	..	..	..	..
1473A	Conford Schoolroom	1895	"	L. D. Crowther	12	..	..	..	..	..	..	..	..	..
	NEWPORT (ISLE OF WIGHT):													
1431	Grammar School, Lugley Street.	1879	J. H. Black	W. K. Ediss, C. M. Ediss	20	10	10	..	..	..	..	..	..	..
	ODIHAM:													
1475	Grammar School	1895	J. L. Brooks	G. H. Johnson, M.A., C. H. Cox, H. Horwill	36	20	..	..	..	..	20	..	..	..
	PETERSFIELD:													
1457	Board School, Hylton Road.	1891	J. B. Carter	S. E. Hatch	14	..	..	..	..	..	..	..	..	..
†1467	Churcher's College, London Road.	1895	W. C. Burley	—	*	*	..	..	..	..	..	..	..	..
	PORTCHESTER:													
1407	Board School, Castle Road.	1888	G. Boyce	R. Bennetts	15	12	10	..	..	..	..	..	..	..
	PORTSMOUTH:													
A1412	School of Science and Art, 54, Elm Grove, Southsea.	1869	C. W. Ball	J. Carter, S. E. Hatch	220	..	..	..	..	..	..	..	..	..

ENGLAND.

VIb. Theoretical Mechanics, *Fluids*.	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	VIIIa. Sound.	VIIIb. Light.	VIIIc. Heat.	A.VIII. & IX. Alternative Physics.	IX. Magnetism and Electricity.	X. *t*. Inorganic Chemistry (Theory).	X. *p*. Inorganic Chemistry (Practl.)	XI. *t*. Organic Chemistry (Theory).	XI. *p*. Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Human Physiology.	XV. General Biology.	XVI. Zoology.	XVII. Botany.	XVIII. Principles of Mining.	XIX. Metallurgy, Theory.	XIX *p*. Metallurgy, Pract.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.	XXV. Hygiene.
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ENGLAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Science.	I. Practical Plane & Solid Geometry.	II. Machine Construcn & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	4 & 5.	6 & 7.	VI A. Theoretical Mechanics, Solids.
	HAMPSHIRE—*cont.*													
	PORTSMOUTH—*cont.*													
†1432	Higher Grade Board School, Victoria Road North, Southsea.	1888	J. J. Bascombe	A. Fisher; T. Skinner; H. B. Woods; E. Walker, B.Sc.; T. W. Outlaw, B.A.; A. J. Adams; C. Richards; H. L. Thorp; C. W. W. Beedem; T. H. Jones; F. Moss; G. H. Griffiths; W. C. Ransom; G. J. Jones; J. F. M. Parkinson; W. R. P. Hobbs; H. Robson, B.Sc.; M. J. Kemp; J. H. Theakstone	100	600	25	25	..	30	300	15	..	85
1439	*Academy, 26, Buckingham Place, Lake Road, Landport.*	*1883*	*W. W. Cook*	*W. C. H. Napier*	..	*50*	..	..	..	..	*25*	..	..	..
1439A	*Landport Chapel, Sunday School, Lake Road, Landport.*	*1890*	*"*	*T. G. Harvey; M. C. Ord; J. F. M. Parkinson*	*20*	*25*	..	*20*	..	..	..	..	..	..
1449	*School, Abingdon Road, Southsea.*	*1889*	*C. J. Hore*	*W. S. Chivers; G. J. Parks; H. B. Wood; A. O. Ballantyne*	..	*135*	*40*	..	..	*40*	*30*	..	..	..
1452	Portsea Island Mutual Co-operative Society, Chesterfield Terrace, Portsea.	1890	A. H. Skeens	T. G. Harvey; A. M. Worthington; W. R. P. Hobbs	70	80	30	..	..	30	20	..	..	..
1452B	Portsea Island, Mutual Co-operative Society Schoolroom, Garnier Street.	1895	"	W. H. T. Pain; H. Tribe	..	230	..	..	..	..	40	..	..	..
1480	Municipal Technical Institute, Arundel Street.	1894	H. E. Curtis	O. Freeman; J. M. Murray; E. J. Norris; E. Hawkins; H. Thorpe; W. Beaton; W. L. Roberts; F. Duncan; A. J. Luke	..	350	30	50	30	50	25	6	6	6
	RINGWOOD:													
1483	Armfield Institute, Christchurch Road.	1895	G. A. Preston	A. E. Barnes	..	12	..	12	..	..	..	..	..	..
	RYDE (ISLE OF WIGHT):													
A1415	School of Science and Art, George Street.	1871	W. H. Dann, B.A.	W. Cox; G. A. Millett; F. M. Walker; M. Whittam	100	75	12	5	5	..	..	..	..	..
	SHANKLIN (ISLE OF WIGHT):													
1404	Literary and Scientific Institute, Steephill Road.	1888	G. H. Matthews.	H. J. Martin	60	6	6	..	..	..	..	..	..	..

ENGLAND.

Theoretical Mechanics, *Fluids*. VIb.	Applied Mechanics. VII.	Sound, Light, and Heat. VIII.	Sound. VIIIa.	Light. VIIIb.	Heat. VIIIc.	Alternative Physics. A.VIII. & IX.	Magnetism and Electricity. IX.	Inorganic Chemistry (Theory). X. *t.*	Inorganic Chemistry (Practl.) X. *p.*	Organic Chemistry (Theory). XI. *t.*	Organic Chemistry (Practical). XI. *p.*	Geology. XII.	Mineralogy. XIII.	Human Physiology. XIV.	General Biology. XV.	Zoology. XVI.	Botany. XVII.	Principles of Mining. XVIII.	Metallurgy, Theory. XIX.	Metallurgy, Pract. XIX. *p.*	Navigation. XX.	Nautical Astronomy. XXI.	Steam. XXII.	Physiography. XXIII.	Principles of Agriculture. XXIV.	Hygiene. XXV.
..	20	10	..	..	..	..	30	60	60	..	..	10	..	..	..	..	10	..	..	..	20	..	30	60	10	..
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ENGLAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Science.	I. Practical Plane & Solid Geometry.	II. Machine Construcn & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	V. Stages 4 & 5.	V. Stages 6 & 7.	VI. Theoretical Mechanics, *Solids.*
	HAMPSHIRE—*cont.*													
	SOUTHAMPTON:													
A1417	School of Science and Art, Hartley Institute, High Street.	1855	E. Gayton -	C. T. Dodd - - E. Conway - - R. W. Stewart, D.Sc. - - - J. Brierley - - J. Eustice - - A. A. Fry - - W. W. Neil - - H. Dartnall - T. H. Slade - - W. H. Rees - - W. H. Rogers - T. J. Thomas -	250	250	75	50	50	20	60	6	4	40
†1419	Taunton Trade School, New Road.	—	J. G. A. Hatherley.	—	*	*	..	..	..	..	..	..	..	..
A1422	School of Science and Art, Philharmonic Hall, Above Bar Street.	1872	W. H. Davis, J.P.	S. C. Seaward - L. C. Alford - G. Okey - -	100	..	..	..	..	..	..	..	..	..
1422A	Technical Class, Marland Place, Above Bar.	1893	" -	S. C. Seaward -	25	..	..	..	..	..	..	..	..	..
1423	Grammar School, Bugle Street.	—	J. G. A. Hatherly.	C. T. Dodd - - H. W. Gidden - J. Fewings - - C. H. Holmes - R. E. Kenyon -	90	90	..	..	..	..	..	..	..	20
1466	Central Board School, Argyle Road.	1892	J. Cruickshank.	A. A. Fry - - J. F. Locke - C. Edwards - W. Odell - - T. H. Slade - -	120	50	50	..	..	..	..	..	..	..
	VENTNOR (ISLE OF WIGHT):													
1435	Ventnor and Bonchurch Literary and Scientific Institute, High Street.	—	J. G. Livesay -	J. C. Ryan - - H. G. Martin -	70	5	5	..	..	..	..	..	..	..
	WINCHESTER:													
A1426	School of Science and Art, Guildhall, High Street.	1870	M. J. Rendall, M.A.	W. C. Coles - - E. Crompton - B. O. Corfe - - H. F. Elenor - B. C. Gotch - N. C. H. Nisbett H. Searle, B.A. -	280	50	10	10	20	..	..	..	..	..
1426A	*Training College Science Class.*	*1892*	"	*H. Searle, B.A.* -	..	*17*	..	..	..	..	..	..	..	..
	WOOLSTON:													
1425	Boys' Board School, East Road.	1887	J. G. Barron -	J. Bennett - - W. W. Neil - - J. H. Wood -	20	24	*	..	*	..	..	..	..	..
	HEREFORDSHIRE.													
	BROMYARD:													
1512	Grammar School - -	1892	Rev. J. Martin	A. S. Waterfield, M.A.	..	20	..	..	..	..	12	..	..	..
	HEREFORD:													
A1501	School of Science and Art, The Old Museum, Castle Green.	1874	T. Smith -	H. Baynton - - H. J. Pocock - J. W. Burn - - M. M. Fleming, B.A. - - -	150	30	6	..	..	..	..	..	..	..
1502	County College - -	1895	J. Wiltshire -	M. M. Fleming, B.A.	..	40	..	..	..	..	*	..	..	*

ENGLAND.

VIb. Theoretical Mechanics, *Fluids*.	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	VIIIa. Sound.	VIIIb. Light.	VIIIc. Heat.	A.VIII. & IX. Alternative Physics.	IX. Magnetism and Electricity.	X. *t*. Inorganic Chemistry (Theory).	X. *p*. Inorganic Chemistry (Practl.)	XI. *t*. Organic Chemistry (Theory).	XI. *p*. Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Human Physiology.	XV. General Biology.	XVI. Zoology.	XVII. Botany.	XVIII. Principles of Mining.	XIX. Metallurgy, Theory.	XIX. *p*. Metallurgy, Pracl.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.	XXV. Hygiene.
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ENGLAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Science.	I. Practical Plane & Solid Geometry.	II. Machine Construcⁿ & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	4 & 5.	6 & 7.	VIa. Theoretical Mechanics. *Solids.*
	HEREFORDSHIRE—*cont.*													
	LEOMINSTER:													
1508A	Technical Institute, Free Library, South Street.	1892	C. D. Andrews	L. Preece - -	40	10	6	..	..	..	..	..	..	..
	ROSS:													
1506	Science and Art Classes, Beard School, Cantilupe Road.	1893	A. P. Small -	M. Garland - ; J. C. Shambrook	50	20	5	..	..	..	..	..	..	..
	HERTFORDSHIRE.													
	BARNET (HIGH):													
1603	Queen Elizabeth Grammar School, Wood Street (Boys).	1875	F. A. Milne -	C. G. Kiddell - ; S. W. Davies - ; A. E. Williams, B.A., B.Sc. -	108	50	..	..	..	..	..	..	..	..
1603A	Queen Elizabeth Grammar School, High Street (Girls).	1892	"	C. G. Kiddell -	25	..	..	..	..	..	..	..	..	..
1603B	Queen Elizabeth's Grammar School, Wood Street.	—	" -	W. H. Lord - -	12	..	..	..	..	..	..	..	..	..
	BERKHAMPSTED (GREAT):													
1605	Mechanics' Institute, Town Hall, High Street.	1887	R. A. Norris -	J. H. Hodges -	12	..	..	..	..	..	..	..	..	..
†1643	King Edward VI. Grammar School.	1895	—	—	..	..	..	..	..	..	..	..	..	..
	BISHOP'S STORTFORD:													
1617	Technical School, Church Street.	1893	Miss G. W. Nash, L.L.A.	L. Mitchell - ; J. Woolley - ; W. Hardcastle -	60	*	*	..	..	..	..	..	..	..
1617B	Nonconformist Grammar School, Hadham Road.	1893	"	C. D. Whittaker, M.A., B.Sc.	..	10	..	..	..	..	..	..	..	..
	HEMEL HEMPSTEAD:													
1628	Technical Class Room, Queen Street.	1883	W. J. Orchard	A. H. Mutton -	10	18	..	10	6	..	..	..	..	..
	HERTFORD:													
A1623	Public Library and School of Art, Old Cross.	1881	W. Cosens -	E. A. Brown - ; M. A. Garratt -	80	..	..	..	..	..	..	..	..	..
1636	Grammar School, Fore Street.	1891	H. S. Hawkes, B.A.	C. M. Luxmore, D.Sc.	..	20	..	..	..	..	..	..	..	..
1643	Technical Institute Classes, Grammar School.	1894	E. Lawrence -	C. M. Luxmore, D.Sc.	..	10	..	..	..	..	..	..	..	..
	HITCHIN:													
1607	St. Mary's National School, Churchyard.	1869	Rev. L. Hensley.	R. A. Must - ; F. M. Muirhead - ; L. I. H. Chadleigh	70	12	12	..	..	..	..	..	..	..
	HODDESDON:													
1632	National School, Paul's Lane.	1891	T. Merchant -	J. R. Strubell -	80	..	..	..	..	..	..	..	..	..

ENGLAND.

Theoretical Mechanics, *Fluids*. VIB.	Applied Mechanics. VII.	Sound, Light, and Heat. VIII.	Sound. VIIIA.	Light. VIIIB.	Heat. VIIIC.	Alternative Physics. A.VIII. & IX.	Magnetism and Electricity. IX.	Inorganic Chemistry (Theory). X. *t.*	Inorganic Chemistry (Practl.) X. *p.*	Organic Chemistry (Theory). XI. *t.*	Organic Chemistry (Practical). XI. *p.*	Geology. XII.	Mineralogy. XIII.	Human Physiology. XIV.	General Biology. XV.	Zoology. XVI.	Botany. XVII.	Principles of Mining. XVIII.	Metallurgy, Theory. XIX.	Metallurgy, Pracl. XIX. *p.*	Navigation. XX.	Nautical Astronomy. XXI.	Steam. XXII.	Physiography. XXIII.	Principles of Agriculture. XXIV.	Hygiene. XXV.
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ENGLAND.

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	HERTFORDSHIRE—*cont.*													
	ST. ALBANS:													
A1609	School of Science and Art, Public Library, Victoria Street.	1874	A. E. Gibbs -	R. E. Groves - J. W. Savage - E. Bamforth - J. H. Rogers - W. Otter - -	250	50	25	..	25	..	..	..	..	..
1609A	Grammar School - -	1893	„ -	C. H. Ashdown -	27	56	..	..	..	..	..	..	..	..
	TRING:													
1680	Victoria Hall, Akeman Street.	1894	H. Hobson -	A. H. Mutton - J. Hansford -	25	12	..	..	*	..	..	..	..	..
	WALTHAM CROSS:													
1687	The High School and Evening Institute.	1895	Rev. J. H. Stamp.	A. A. Bristowe - P. Ferguson, M.A. H. G. Welsford -	30	20	..	..	..	..	*	..	..	..
	WARE:													
1641	Grammar School, Musley Hill.	1894	G. Price - -	W. New, M.A. - A. C. K. Toms, B.A. - - -	..	25	..	..	..	..	16	..	..	..
	WATFORD:													
A1613	School of Science and Art, Public Library, Queen Street.	1869	J. Woolman -	W. Freeth - - G. E. Merredew - W. R. Carter - M. Lea - - J. W. Odell - - L. E. Swatton - G. L. M. Syme -	200	150	30	6	50	..	20	4	..	10
†1629	Endowed Schools, Derby Road.	1884	H. M. Turner	J. B. Russell, B.Sc. W. R. Carter, B.A. H. B. Withers - M. Bushnell - A. Cotes -	147	25	2	..	..	..	21	..	..	..
	HUNTINGDONSHIRE.													
	HUNTINGDON:													
1702	All Saints' Parish Room, Ferrar's Road.	1866	F. J. Howson	E. Lilley - - J. White - - J. Hazlitt - - W. Hawkes - -	30	12	8	..	..	..	..	..	..	..
	KIMBOLTON:													
1707	Schoolroom - - -	1888	E. J. Abington	S. W. P. Denton -	..	13	..	..	..	..	..	..	..	..
	RAMSEY:													
A1710	Branch of Peterborough, School of Science and Art, The Institute, Great Whyte.	1893	C. Dack - -	E. Worthington - E. L. Sargeant - T. Brailsford - W. E. Cowburn - V. Howard - - S. W. Taylor -	30	16	..	*	*	..	..	..	..	*
	ST. IVES:													
1708	Boys' Board School, North Road.	1887	H. J. Hankin	J. Hazlitt - -	..	12	..	..	..	..	12	..	..	..
1708A	Priory Rooms, Priory Road.	1894	„ -	S. A. Fish - - J. Hazlitt - W. Hawkes -	12	75	..	..	..	..	..	..	..	..
	ST. NEOT'S:													
1711	Wesleyan School, New Street.	1895	C. Fox - -	A. Hall - - -	..	18	..	..	..	..	..	..	..	..
1711A	Eynesbury Schoolroom, St. Mary's Street, Eynesbury.	1895	„ - -	A. E. Jennings -	16	..	..	..	..	..	..	..	..	..
	WARBOYS:													
A1710A	Branch of Peterborough School of Science and Art, Board School.	1893	C. Dack - -	E. Worthington - T. Brailsford -	10	..	..	..	..	..	..	..	..	..

ENGLAND.

Theoretical Mechanics, *Fluids*. VIB.	Applied Mechanics. VII.	Sound, Light, and Heat. VIII.	Sound. VIIIA.	Light. VIIIB.	Heat. VIIIC.	Alternative Physics. A.VIII. & IX.	Magnetism and Electricity. IX.	Inorganic Chemistry (Theory). X. *t*.	Inorganic Chemistry (Practl.). X. *p*.	Organic Chemistry (Theory). XI. *t*.	Organic Chemistry (Practical). XI. *p*.	Geology. XII.	Mineralogy. XIII.	Human Physiology. XIV.	General Biology. XV.	Zoology. XVI.	Botany. XVII.	Principles of Mining. XVIII.	Metallurgy, Theory. XIX.	Metallurgy, Pract. XIX. *p*.	Navigation. XX.	Nautical Astronomy. XXI.	Steam. XXII.	Physiography. XXIII.	Principles of Agriculture. XXIV.	Hygiene. XXV.
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ENGLAND.

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	KENT.													
	ASHFORD:													
1801	British Schools, West Street.	1874	J. Creery -	W. Jarvis - -	54	..	..	..	..	..	..	..	..	..
1954	South-Eastern Railway Mechanics' Institute, New Town.	1884	H. McColl -	J. F. Masterton -	..	25	..	25	..	..	..	..	..	..
	BECKENHAM:													
1979	*Alexandra Board Sch., Alexandra Dist.*	*1891*	*R. G. Mullen*	*E. Green* - -	..	*20*	..	..	..	..	..	..	..	..
1979A	Board School, Bromley Road.	1892	„ -	A. E. D. Lowden -	30	..	..	..	..	..	..	..	..	..
	BELVEDERE:													
1806	Picardy Board Schools, Lower Road.	1894	H. W. Smith -	A. T. Flux - -	..	20	..	..	..	..	..	..	..	..
1806A	Boys' Board School, Bedwell Road.	1895	„ -	G. W. Maybury - H. Plummer - A. T. Flux - -	20	20	..	..	..	..	..	..	..	..
	BEXLEY:													
1984A	National Schools, Bourne Street.	1892	W. R. Reffell -	T. N. Allison - F. G. Harris - E. A. Razzall - J. L. Hutchinson	..	•	•	•	•	..	..	..	..	..
	BEXLEY HEATH:													
1984B	Ellesdon House, Main Road.	1892	„ -	T. N. Allison - F. G. Harris - E. A. Razzall - J. L. Hutcinson -	..	•	•	•	•	..	..	..	..	..
	BROMLEY:													
A1805	School of Science and Art, Tweedy Road.	1875	F. H. Norman	J. Randall - A. A. Wood - T. F. Harris - E. Reeve -	120	35	..	..	10	..	20	..	..	..
A1805B	St. Luke's Institute, Bromley Common (Branch School of Science and Art).	1892	„ -	R. H. Bayley -	30	..	..	..	..	..	..	..	..	..
	CANTERBURY:													
A1818	School of Science and Art, Sidney Cooper Gallery, St. Peter Street.	1882	G. F. Francis	H. Allen - E. C. Brothers - W. E. Taylor -	140	50	45	..	15	..	..	..	..	..
†1820	Simon Langton School, Whitefriars.	1884	J. Plummer -	—	..	..	..	..	..	..	..	..	..	..
1821	Clergy Orphan School, St. Thomas Hill.	1890	Capt. A. Ogilvy	G. F. Heys - A. J. Adams - C. H. H. Walker, B.A. - -	90	65	•	..	..	..	..	..	..	..
1991	St. Mary Bredin's School, Rhodan's Town.	1892	G. Wiltshire -	W. J. Taylor -	40	40	40	..	..	..	..	..	..	..
	CHATHAM:													
A1813	School of Science and Art, Technical Institute, High Street.	1881	W. Cuckney	H. Fingley - E. W. Betts - J. Brazier - S. S. Brister - W. T. Joyce - A. P. Judges - R. Martin - E. P. Newnham - W. W. Newton - J. Shelton -	85	130	14	20	19	12	10	..	..	5
1809	Wesleyan Higher Grade School, Arden Street, New Brompton.	1888	J. Simpson -	H. R. Redman - W. S. R. Edmonds - J. Sammon - M. W. Rowlands	40	60	..	..	..	..	15	..	..	..

ENGLAND.

Theoretical Mechanics, *Fluids*. VIB.	Applied Mechanics. VII.	Sound, Light, and Heat. VIII.	Sound. VIIIA.	Light. VIIIB.	Heat. VIIIC.	Alternative Physics. *A*.VIII. & IX.	Magnetism and Electricity. IX.	Inorganic Chemistry (Theory). X. *t*.	Inorganic Chemistry (Practl.) X. *p*.	Organic Chemistry (Theory). XI. *t*.	Organic Chemistry (Practical). XI. *p*.	Geology. XII.	Mineralogy. XIII.	Human Physiology. XIV.	General Biology. XV.	Zoology. XVI.	Botany. XVII.	Principles of Mining. XVIII.	Metallurgy, Theory. XIX.	Metallurgy, Pracl. XIX *p*.	Navigation. XX.	Nautical Astronomy. XXI.	Steam. XXII.	Physiography. XXIII.	Principles of Agriculture. XXIV.	Hygiene. XXV.
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ENGLAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Science.	I. Practical Plane & Solid Geometry.	II. Machine Construcⁿ & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	4 & 5.	6 & 7.	VIa. Theoretical Mechanics, *Solids.*
	KENT—*cont.*													
	DARTFORD:													
1826	*Ironworks Room, Hythe Street.*	*1888*	*F. Gill*	*R. W. Allen* *W. H. Steadman* *L. Rusbridge* *P. Parry* *J. Purcell* *F. C. Mildenhall*	*60*	*120*	*25*	*25*	*15*	..	*20*	..	..	..
	DEAL:													
1828	*Carter Institute, Park Street.*	*1878*	*J. Sparke*	*G. Dowker* *W. H. East* *R. T. Mumford* *M. Winser*	*90*	*35*	*10*	..	*6*	..	..	..	..	..
	DOVER:													
A1842	Municipal School of Science and Art, Northampton Street.	1870	E. W. Knocker	W. H. East R. R. Goulden L. F. de Bude — Pilbean A. E. Wynne, M.A. J. W. Howells W. H. Pendlebury, M.A.	280	150	20	20	35	..	15	..	..	..
	EDEN BRIDGE:													
1978	*The Institute*	*1891*	*O. Goodwin*	*W. H. Cooper*	*15*	*10*	*10*	..	..	..	..	..	..	..
	ERITH:													
1852	Board School, Manor Road.	1890	Rev. J. E. Martin.	M. King W. Charlesworth	20	60	..	60	..	..	..	..	..	..
1852A	Victoria Hall, Bexley Road.	1891	"	L. Rusbridge W. Prior	..	40	..	..	..	..	..	..	..	..
1852B	*Hall, Queen Street*	*1894*	*R. Lemaire*	*E. E. Dibley*	..	*10*	..	..	..	..	..	..	..	..
	FAVERSHAM:													
1853	*Institute, East Street*	*1866*	*R. B. Tritton*	*A. Paul* *N. S. Batterbee* *J. Cole* *H. Steedman*	*68*	*40*	*25*	..	..	..	..	..	..	..
	FOLKESTONE:													
1854	The Museum, Grace Hill.	1872	F. Newman	T. I. Dalgleish D. L. Luck A. C. S. Bloxham	110	..	..	..	..	..	..	..	..	..
1951	Grammar School, Foord Road.	1882	W. G. S. Harrison.	H. Froggatt, M.A. Rev. G. B. Charles, B.A. R. Stead, B.A.	60	60	..	..	..	..	20	..	..	..
	GILLINGHAM:													
1992	Technical Institute	1893	W. Harris	R. Ternouth W. R. Edmonds W. Wainwright J. W. Maytum E. W. Betts R. Martin F. Chapman J. Brazier H. R. Redman J. Shelton R. Mountstephens W. T. Joyce	80	200	20	40	20	40	40	..	..	..
	GRAVESEND:													
A1907	School of Science and Art, Municipal Technical School, Darnley Road.	1890	G. M. Cobham	J. T. Dalladay A. J. Connabeer T. A. Dalladay S. A. Sworn, M.A. E. J. M. Davies J. Bartlett F. J. Baker	240	100	10	8	13	..	10	..	..	8
1855	Milton Mount College, Pairock Street.	1882	J. R. Starbuck	A. F. Macey H. Dunnell M. F. Hilling E. Walters S. M. Young, B.A.	135	120	..	..	..	..	60	..	..	10
	HORTON KIRBY:													
1867	Home for Little Boys, South Darenth.	1887	C. P. Casstine	S. Lee	..	20	..	..	..	..	..	..	..	..

ENGLAND.

Theoretical Mechanics, *Fluids*. VIb.	Applied Mechanics. VII.	Sound, Light, and Heat. VIII.	Sound. VIIIa.	Light. VIIIb.	Heat. VIIIc.	Alternative Physics. *A.* VIII. & IX.	Magnetism and Electricity. IX.	Inorganic Chemistry (Theory). X. *t.*	Inorganic Chemistry (Practl.) X. *p.*	Organic Chemistry (Theory). XI. *t.*	Organic Chemistry (Practical). XI. *p.*	Geology. XII.	Mineralogy. XIII.	Human Physiology. XIV.	General Biology. XV.	Zoology. XVI.	Botany. XVII.	Principles of Mining. XVIII.	Metallurgy, Theory. XIX.	Metallurgy, Pract. XIX. *p.*	Navigation. XX.	Nautical Astronomy. XXI.	Steam. XXII.	Physiography. XXIII.	Principles of Agriculture. XXIV.	Hygiene. XXV.
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ENGLAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Total Number of Individual Students. Science.	I. Practical Plane & Solid Geometry.	II. Machine Construcⁿ & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	V. Pure Mathematics. Stages 4 & 5.	V. Pure Mathematics. Stages 6 & 7.	VIA. Theoretical Mechanics, Solids.
	KENT—*cont.*													
	HYTHE:													
1988	The Institute, Mount Street.	1892	G. S. Wilks -	S. Evans - H. Waite -	20	7	7	..	7	..	..	..	..	..
	MAIDSTONE:													
1871	Grammar School for Girls, Albion Road, Sittingbourne Road.	1895	H. A. Hughes	J. T. Dalladay - E. H. Beard, B.Sc. E. A. Wise -	40	*	..	..	..	..	25	..	..	..
A1872	Municipal School of Science and Art, St. Faith Street.	1868	Rev. H. Collis	G. Ward - R. Ternouth - A. J. Madeley - R. J. Beale - C. Adams - W. A. Stevens - W. J. Beecher -	210	190	40	24	24	..	..	..	..	..
1874	*All Saints' Girls' School, College Road.*	*1892*	*A. F. Corfe* -	*W. Spear, M.A., M.D.*	..	*20*	..	..	..	..	..	..	..	..
1994	Grammar School -	1893	C. H. White -	J. T. Dalladay - S. Priestley, M.A. S. Richards, B.A.	..	*	..	..	..	..	50	..	..	..
	MARGATE:													
A1982	School of Science and Art, Borough of Margate Technical Schools, Cecil Street.	1892	E. Brooke -	R. Clough - M. J. Clough - F. E. K. Clough -	75	..	..	..	..	..	..	..	..	..
	NORTHFLEET:													
1878	Board School - -	1893	F. Mitchell -	T. H. Howe - E. G. Dawkins - F. Boddy - A. R. William -	36	40	25	15	14	..	12	..	..	..
	OTFORD:													
1880	The Schoolroom, The Hawthorns.	1895	Mrs. W. Milward.	Rev. H. A. Soames, M.A.	..	20	..	..	..	..	..	..	..	..
	RAINHAM:													
1840	Boys' National School, near High Street.	1894	J. Longley -	S. Hodson - -	12	..	..	..	..	..	..	..	..	..
	RAMSGATE:													
1889	St. George's Boys' Commercial Sch., Church Road.	1878	T. C. Mein -	J. Roe, B.A. - P. Polly -	..	50	..	..	..	..	..	..	..	..
1889A	St. George's Girls' Commercial Sch., Church Road.	1887	„ -	C. E. Croucher - A. A. Wraight - B. Whyte -	..	40	..	..	..	..	..	..	..	..
1995	Borough Technical School, Cavendish Street.	1893	A. R. R. Franks	G. F. Heys - C. O. Masters - W. Bull, B.A. - E. J. Hawkes -	90	70	..	..	..	..	12	..	..	..
	ROCHESTER:													
1888	University School, St. Margaret's.	1895	Rev. G. A. Miller	W. W. Tonkin, B.A.	..	10	..	..	..	..	10	..	..	..
1892A	Girls' Grammar School, Maidstone Road.	1891	A. A. Arnold -	G. Ward - - F. Gibson, B.Sc. -	130	30	..	..	..	..	..	..	..	..
A1940	School of Science and Art, Technical Institute, High Street.	1880	R. Prall - -	G. Ward - R. Ternouth - E. W. Betts - J. Brazier - F. W. Clarke - H. Emsley - J. Hepworth - W. T. Joyce - H. P. Marsh - R. Martin - P. Matthews - A. W. Dunstall - E. Eden -	150	150	30	20	12	20	20	..	..	6
†1892	*Sir J. Williamson's Mathematical School, High Street.*	*1860*	„ - -	*C. Bird* - *P. Mathews* - *G. Ward* - *R. Ternouth* -	*150*	*75*	..	..	..	..	..	..	..	..

ENGLAND.

VIB. Theoretical Mechanics, *Fluids*.	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	VIIIA. Sound.	VIIIB. Light.	VIIIC. Heat.	*A.* VIII. & IX. Alternative Physics.	IX. Magnetism and Electricity.	X. *t.* Inorganic Chemistry (Theory).	X. *p.* Inorganic Chemistry (Practl.).	XI. *t.* Organic Chemistry (Theory).	XI. *p.* Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Human Physiology.	XV. General Biology.	XVI. Zoology.	XVII. Botany.	XVIII. Principles of Mining.	XIX. Metallurgy, Theory.	XIX. *p.* Metallurgy, Pracl.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.	XXV. Hygiene.
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ENGLAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Science.	I. Practical Plane & Solid Geometry.	II. Machine Construcⁿ & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	4 & 5.	6 & 7.	VI A. Theoretical Mechanics, *Solids.*
	KENT—*cont.*													
	SANDHURST:													
1891	Church of England School, Sandhurst Green.	1895	Rev. G. Ridout	W. E. George -	6	..	..	..	..	..	..	..	..	..
	SEVENOAKS:													
1987	Lecture Hall, Park Lane.	1894	F. O. Thornton	W. J. L. Abbott .	..	20	..	..	..	..	..	..	..	..
	SHEERNESS:													
1981	Board School (Girls' and Infants'), High Street, Mile Town.	1891	A. Spears -	A. Matthews - C. T. Amor - - D. O'Donoghue - F. C. Harrison -	80	70	20	15	10	15	15	..	..	..
	SITTINGBOURNE:													
1985	Town Hall, High Street	1892	G. E. Elliott -	H. Waite - W. H. Roper - N. S. Batterbee - K. Edwards -	60	40	..	..	..	..	..	..	..	..
	SOUTHBOROUGH:													
1895	*Commercial School, Church Road.*	*1885*	*E. C. Sandilands.*	*G. Bisacre* - -	•	*20*	..	..	..	..	..	..	..	..
1936	Holme Endowed Sch. -	1890	E. W. Winton	A. Rochester - G. Bisacre -	30	30	..	..	..	..	..	..	..	..
	STROOD:													
1922	Board School, Station Road.	1872	R. Prall - -	E. W. Betts - -	8	20	8	..	12	..	..	..	..	..
	SWANLEY.													
1962A	Orphan Home - -	1884	C. P. Casstine	R. H. Bayley - S. Lee - - - J. P. Robinson -	20	40	..	..	..	..	30	..	..	..
1963	Horticultural College, Hextable.	1888	F. G. Powell -	J. Belling - F. J. Baker - J. Rose - -	..	70	..	..	..	..	..	..	..	..
	TONBRIDGE:													
1977	Judd Commercial School, East Street.	1891	F. Warwick -	E. W. Handcock T. Lane - -	..	16	..	..	..	..	..	..	..	..
1977A	Miss Wilson's Schoolroom, St. Mary's Road.	1892	" -	W. H. Cooper -	40	15	15	..	..	..	..	..	..	..
	TUNBRIDGE WELLS:													
1908	Technical Institute, Calverley Road.	1870	T. Brindle -	O. J. Bevis - - G. Bisacre - -	120	6	..	..	..	..	..	..	..	..
	YALDING:													
1960	Cleave's Endowed School.	1885	J. Waghorn -	S. Williams - -	..	18	..	..	..	..	6	..	..	..
	LANCASHIRE.													
	ACCRINGTON:													
†A 2009	Municipal Technical School, School of Science and Art, Blackburn Road.	1871	J. Rhodes -	J. Tasker - - A. E. Millward - R. Diggle - - U. Warren - - H. Ashworth - W. Rawson - - J. Barnes - - J. Kyle - - W. W. Rawson - H. Hills - - A. Geddie - - E. Hodges - - T. Whittaker - W. Leeming -	300	300	30	30	30	..	30	..	..	•

ENGLAND.

Theoretical Mechanics, *Fluids.* VIb.	Applied Mechanics. VII.	Sound, Light, and Heat. VIII.	Sound. VIIIA.	Light. VIIIB.	Heat. VIIIC.	Alternative Physics. *A.*VIII. & IX.	Magnetism and Electricity. IX.	Inorganic Chemistry (Theory). X. *t.*	Inorganic Chemistry (Practl.). X. *p.*	Organic Chemistry (Theory). XI. *t.*	Organic Chemistry (Practical). XI. *p.*	Geology. XII.	Mineralogy. XIII.	Human Physiology. XIV.	General Biology. XV.	Zoology. XVI.	Botany. XVII.	Principles of Mining. XVIII.	Metallurgy, Theory. XIX.	Metallurgy, Pracl. XIX. *p.*	Navigation. XX.	Nautical Astronomy. XXI.	Steam. XXII.	Physiography. XXIII.	Principles of Agriculture. XXIV.	Hygiene. XXV
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ENGLAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Science.	I. Practical Plane & Solid Geometry.	II. Machine Construction & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	4 & 5.	6 & 7.	VIA. Theoretical Mechanics, *Solids.*
	LANCASHIRE—*cont.*													
	ACCRINGTON—*cont.*													
2011	Howard and Bullough School, Globe Works, Richmond Hill Street.	1884	M. Robinson	J. Ianson; R. H. Webb; J. Tasker; J. W. Bickerdike; R. W. Dickinson	90	200	70	140	..	..	..	..	..	..
	ASHTON-UNDER-LYNE:													
†2021	Albion Institute, Albion Street.	1872	J. Hanna, J.P.	—	..	..	..	..	..	..	..	..	..	..
2022	Mechanics' Institute, Church Street.	1865	T. W. Stanfield.	H. Holt; A. W. Johnson; J. Matley; W. F. Holroyd	25	50	15	20	15	..	..	..	..	..
A2026	School of Science and Art, Municipal Technical School, Old Street.	1892	A. Park, J.P.	C. E. Flowerdew; J. A. Percival; G. Butterworth; W. H. Cook; W. I. Hannan; A. Morris, B.A., B.Sc.; J. Morris; J. Poole; H. W. Hewitt; R. Munday	250	300	30	40	25	..	35	..	..	..
	ASKAM:													
2146A	Board School	1891	J. Tyson	W. H. Clark; J. T. S. Varcoe	..	27	..	..	..	..	..	..	..	..
	ASPULL:													
2027	*New School, Higher Gollet.*	*1893*	*L. Athron*	*J. G. Shearer*	..	*12*	..	*12*	..	..	..	..	..	..
	ASTLEY:													
2008	National School	1894	H. Thorpe	G. H. Green	..	16	..	..	..	..	..	..	..	..
	ATHERTON:													
2268	Technical School, York Street, Bolton New Road.	1886	J. Gregory	J. Stott; T. G. Hirst; W. H. Darlington; J. Brookes; J. W. Saville; A. J. A. Orchard	40	120	15	15	15	..	20	..	..	..
	BACUP:													
2035	Mechanics' Institute, Bridge Street.	1862	W. Greenwood	W. E. Fitton; T. Abbott; E. J. Taylor; H. Boothman	80	50	30	12	..	..	..	..	..	..
2035B	Technical School, Spring Gardens.	1892	"	J. F. Wilkinson, B.A.; J. Heyworth; G. Butterworth; J. H. Heywood; R. S. Heap	..	70	..	..	..	..	30	..	..	18
	BARROWFORD:													
2578	Board School, Church Street.	1884	H. W. Haworth.	J. Clegg	..	18	..	..	..	..	..	..	..	..
	BARROW-IN-FURNESS:													
A2341	School of Science and Art, Working Men's Club and Institute, Abbey Road and Ramsden Hall.	1874	C. F. Preston	R. Pratt; T. Brockbank; W. Mowat, M.A.; A. Mowat, M.A.; J. B. Cleator; W. J. Marriott	200	200	70	75	30	20	100	..	..	25
†2344	Higher Grade Girls' School, Duke Street.	1877	W. Hutchinson	E. J. McLullich; M. Lonie; M. Bell; A. R. Gower	100	168	..	..	..	..	..	..	..	..
2352	Higher Grade School, Technical Classes, Duke Street.	1894	C. F. Preston	A. R. Gower; R. Pentreath; R. Spencer; E. Thornton	..	130	..	..	..	..	..	..	..	..

ENGLAND.

Theoretical Mechanics, *Fluids*. VIb.	Applied Mechanics. VII.	Sound, Light, and Heat. VIII.	Sound. VIIIa.	Light. VIIIb.	Heat. VIIIc.	Alternative Physics. *A.* VIII. & IX.	Magnetism and Electricity. IX.	Inorganic Chemistry (Theory). X. *t.*	Inorganic Chemistry (Practl.). X. *p.*	Organic Chemistry (Theory). XI. *t.*	Organic Chemistry (Practical). XI. *p.*	Geology. XII.	Mineralogy. XIII.	Human Physiology. XIV.	General Biology. XV.	Zoology. XVI.	Botany. XVII.	Principles of Mining. XVIII.	Metallurgy, Theory. XIX.	Metallurgy, Pracl. XIX. *p.*	Navigation. XX.	Nautical Astronomy. XXI.	Steam. XXII.	Physiography. XXIII.	Principles of Agriculture. XXIV.	Hygiene. XXV.
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ENGLAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Science.	I. Practical Plane & Solid Geometry.	II. Machine Construcn & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1,2,3.	4 & 5.	6 & 7.	VIa. Theoretical Mechanics, *Solids.*
	LANCASHIRE—*cont.*													
	BICKERSHAW:													
2054	*Abraham Colliery School.*	*1893*	*A. M. Hart*	*T. Grundy*	..	*40*	..	..	..	..	..	..	..	..
	BIRKDALE:													
2046	Board School, Swire Road.	1893	F. Hartley	A. D. Brunton A. E. Griffiths	50	24	8	..	..	..	..	..	..	..
	BLACKBURN:													
2056	*Higher Grade School, Darwin Street.*	*1886*	*The Right Rev. Bishop Cramer-Roberts, D.D.*	*W. Colley* *J. Topping*	..	*40*	*40*	..	..	..	*26*	..	..	..
2059	Pupil Teachers' School, St. Peter's Street.	1894	N. Taylor	J. D. Baxter, B.A. J. R. Higson H. Aston A. G. Grubb M. Slater A. Atkinson	150	100	50	..	..	..	30	..	..	12
2061	Public Higher Grade School (Boys'), Montague Street.	1889	E. Cooper	J. W. Caithness, B.A. G. T. Shufflebotham	20	61	40	..	..	..	60	..	..	..
2061A	Public Higher Grade School (Girls'), New Park Street.	1894	"	A. Atkinson B. Haworth M. Neville	5	20	..	..	..	..	..	..	..	..
A 2063	School of Science and Art, Technical School, Blakey Moor.	1883	A. W. King	A. Jackson W. M. Barnes E. M. B. Marriott J. Broughton J. Ianson T. Harwood A. W. Irving T. Hutton J. Stevenson M. Whewell J. T. Smith J. W. Caithness, B.A., B.Sc. H. L. Taylor C. Gerland, M.Sc., Ph.D. P. Bean A. E. Millward	300	250	30	60	80	..	80	..	..	15
2055	*Grammar School, West Park Road.*	*1894*	"	*F. Allcroft* *E. B. Carter* *H. R. Beasley*	*72*	*90*	..	..	..	..	..	..	..	..
2083	The Art School, Kensington Place.	1894	A. Hall	A. G. Grubb E. M. Grubb	50	12	10	4	3	..	..	..	..	..
2084	Convent of Notre Dame Pupil Teachers' College, Whalley New Road.	1894	Rev. W. Wookey.	M. O'Connell E. Brown M. A. Barnes F. Cahalan I. M. Barrington	50	80	7	..	..	..	..	..	..	..
	BLACKPOOL:													
2066	Technical School, Bank Hey Street.	1883	M. Heyes	S. Backhouse C. Auty J. Marsden T. D. Whittington W. Whalley	120	110	45	..	45	..	20	..	..	..
2066A	Technical School, St. John's Buildings, Market Street.	1895	—	A. Lord	20	..	..	..	..	..	..	..	..	..
	BLACKROD:													
2071	National School, Church Street.	1891	J. R. Orrell	J. Gardner J. Rowe	20	20	20	..	..	..	..	..	..	..

ENGLAND.

VIB. Theoretical Mechanics, *Fluids*.	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	VIIIA. Sound.	VIIIB. Light.	VIIIC. Heat.	*A.* VIII. & IX. Alternative Physics.	IX. Magnetism and Electricity.	X. *t.* Inorganic Chemistry (Theory).	X. *p.* Inorganic Chemistry (Practl.)	XI. *t.* Organic Chemistry (Theory).	XI. *p.* Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Human Physiology.	XV. General Biology.	XVI. Zoology.	XVII. Botany.	XVIII. Principles of Mining.	XIX. Metallurgy, Theory.	XIX. *p.* Metallurgy, Pracl.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.	XXV. Hygiene.
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	LANCASHIRE—*cont.*													
	BOLTON:													
2074	Higher Grade Board School, Mawdsley Street.	1882	G. R. Rothwell	E. J. Collings G. K. M. Hutchinson D. Reekie	..	*	..	..	..	..	..	..	..	..
2080	County Borough Technical School, Mawdsley Street.	1892	F. Wilkinson	W. Moss A. C. Bruce, M.A. C. J. Ritson T. Hampson R. A. Bruce T. P. Longworth J. H. Mather F. Berry A. Abbey J. L. Whiteside J. Tonge H. Tootell S. Woods	..	500	70	250	40	..	50	..	..	25
A2080A	School of Science and Art, Church Institute, Silverwell St.	1866	"	H. Stott J. H. Stott J. L. Whiteside A. E. Stott J. A. Holt M. Aspinall S. Bond F. Berry J. Brooks T. Hampson D. Reekie E. Scott W. N. Willson W. Moss	250	300	30	60	60	..	50	..	..	30
2092	High School for Boys, Thomas Holden Street.	1881	G. J. French	J. Knight J. E. Jones, B.A. J. McKelvie	45	38	38	5	..	..	35	..	..	7
†2570	Higher Grade Board School, Clarence Street.	1882	G. R. Rothwell	A. L. Cann, B.A. J. Rowe G. H. Watterson J. Robinson J. Thornton, M.A. C. A. Fogg T. M. Nightingale. A. L. Thornton	130	170	25	..	..	..	50	..	..	10
2081	Morris Green School, Middle Hulton.	1892	T. Boardman	J. Tonge A. Tonge	..	25	..	..	..	..	..	..	..	..
	BOOTHSTOWN:													
2068	*Moseley Common School.*	*1887*	*E. Cooke*	*A. Hegson* *J. Smith*	..	*20*	..	..	..	..	*12*	..	..	..
	BOOTLE:													
2094	Board School, Bedford Road.	1892	F. W. Wilson	S. Leigh S. Donaldson J. H. J. Stringer	40	58	..	..	..	..	..	..	..	..
2097	Free Public Library, Museum, and Technical School, Oriel Road.	1891	J. J. Ogle	W. J. Baker R. Stevenson F. O. Creswell A. E. Easthope L. Small, B.Sc. W. Daley D. Clague	50	300	30	100	29	..	80	..	..	10
	BRIERFIELD:													
2110	*National School, Halifax Road.*	*1890*	*J. T. Landless*	*E. Fawcett*	..	*20*	..	..	..	..	..	..	..	..
2110A	*Wesleyan School, Wesley Street.*	*1892*	"	*J. W Clegg*	*30*	*20*	*20*	..	..	..	..	..	..	..

ENGLAND.

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	LANCASHIRE—*cont.*													
	BROUGHTON-IN-FURNESS:													
2111	National School	1891	Rev. F. A. Malleson.	C. P. Chambers	25	14	*	..	*	..	..	..	..	..
	BURNLEY:													
2103	Grammar School, North Parade.	1874	J. Brown, M.D.	J. Alexandre J. L. Ward A. M. Drennan, B.A.	50	75	6	..	..	..	50	..	..	..
A2104	School of Science and Art, Mechanics' Institute, York Street.	1887	C. M. Foden, J.P.	W. H. Hey W. E. Holt J. R. Lee A. Dyson J. Birkett W. Rawlinson F. Dunkerley J. E. Davison J. Garside J. Shaw W. Huck A. M. Drennan, B.A. W. Udall, B.Sc. L. Walton J. Thoruber	380	500	55	50	50	..	180	..	..	20
2104C	Technical School, Elizabeth Street.	1892	"	E. Evans A. Stell	..	210	..	..	..	..	..	..	..	..
2105	*Co-operative Society's Reading Room, Old Hall Street.*	*1892*	"	*J. R. Pickup*	..	*12*	..	..	..	..	..	..	..	..
2115	Co-operative Hall, Assembly Room, Hammerton Street.	1892	J. S. Horn	W. Lord J. Jackson A. Johnson T. Crawshaw	95	50	..	..	..	..	..	..	..	..
	BURY:													
2119	Municipal Technical School, Broad Street.	1876	J. Rigby	J. W. Elliott H. Pilling J. Wilson W. Murphy O. L. W. Whitehead A. Nuttall T. K. Holden W. Dixon W. Taylor	150	350	90	100	50	..	80	..	..	..
2122	Grammar School, The Wyld.	1879	H. Webb, J.P.	W. O. Ross W. French E. G. Stubbs H. W. Shawcross	180	150	..	..	..	..	2	1	..	10
2118	Young Men's Christian Association, Eden Street.	1889	G. Durrans	J. H. Holt J. Garside P. J. Roberts J. W. Grime	30	80	20	20	..	..	20	..	..	..
	CASTLETON:													
2132	*St. Martin's Church School, Manchester Road.*	*1891*	*R. B. Wallis*	*A. Crossley*	..	*40*	..	*10*	..	..	..	..	..	..
	CHADDERTON:													
2124	St. Mark's School, Radclyffe Street.	1891	G. Taylor	G. G. Byrom J. J. Mannock T. Haslam, B.A. J. J. Ware C. Cressey C. Cooper H. Nuttall D. Hardman	30	60	30	30	20	..	30	..	..	..

ENGLAND.

Theoretical Mechanics, *Fluids*. VIb.	Applied Mechanics. VII.	Sound, Light, and Heat. VIII.	Sound. VIIIa.	Light. VIIIb.	Heat. VIIIc.	Alternative Physics. *A.* VIII. & IX.	Magnetism and Electricity. IX.	Inorganic Chemistry (Theory). X. *t.*	Inorganic Chemistry (Practl.). X. *p.*	Organic Chemistry (Theory). XI. *t.*	Organic Chemistry (Practical). XI. *p.*	Geology. XII.	Mineralogy. XIII.	Human Physiology. XIV.	General Biology. XV.	Zoology. XVI.	Botany. XVII.	Principles of Mining. XVIII.	Metallurgy, Theory. XIX.	Metallurgy, Pracl. XIX. *p.*	Navigation. XX.	Nautical Astronomy. XXI.	Steam. XXII.	Physiography. XXIII.	Principles of Agriculture. XXIV.	Hygiene. XXV.
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ENGLAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Science.	I. Practical Plane & Solid Geometry.	II. Machine Construcⁿ & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	4 & 5.	6 & 7.	VIa. Theoretical Mechanics, *Solids.*
	LANCASHIRE—*cont.*													
	CHADDERTON—*cont.*													
2124A	Drury Lane School, Hollinwood.	1891	G. Taylor	J. C. Nicol; J. J. Mannock; T. Haslam, B.A.; J. J. Ware; C. Cressey; C. Cooper; H. Nuttall; D. Hardman; J. Tonge	30	50	30	40	12	..	20	..	..	..
	CHORLEY:													
2125	Science and Technical Institute, St. George's Street.	1886	T. Redhead	B. H. Smith; H. Stott; G. B. Allcock, B.A.; J. T. Brierley; W. Dixon	90	120	20	30	30	..	20	..	..	..
	CLAYTON-LE-MOORS:													
2130	Mechanics' Institute, Pickup Street.	1870	E. J. Bradshaw	W. Rawson; J. Barnes; G. Elce; H. Pickup; A. Dodgeon; J. H. Sinkinson	12	41	..	..	..	..	16	..	..	..
	CLITHEROE:													
2133	Technical School, Factory Lane.	1891	R. Parkinson	A. G. Grubb; E. M. Grubb; J. Foole; H. L. Taylor; T. Hargreaves; R. T. Ryder	40	60	20	..	..	..	..	..	..	..
	COLNE:													
2502	Technical Schools, Church Street.	1883	A. Varley	W. H. Hey; W. E. Holt; W. H. Riding; A. Wilmore	60	50	..	..	..	..	20	..	..	8
	CORNHOLME:													
2140	Vale Board School, Burnley Road.	1873	J. Whitehead	T. S. Kirkpatrick; W. Abbott; H. Stephenson; A. Crossley	15	30	10	10	..	..	10	..	..	..
	CRAWSHAWBOOTH:													
2143	Municipal Buildings, Barley Holme.	1886	J. Whalley	W. H. Scarr; J. Connor; R. Barrow	12	22	11	..	..	..	11	..	..	..
	DALTON-IN-FURNESS:													
2146	Board School, Chapel Street.	1889	J. Tyson	R. Pratt; R. R. Panton	80	40	10	15	..	..	..	..	..	..
2146B	Board School, Nelson Street.	1891	"	R. Spencer; R. P. Nelson; W. H. Clark; J. T. S. Varcoe	..	150	..	..	10	..	..	..	..	..
2347	*Higher Grade Board School, Broughton Road.*	*1894*	*W. Butler*	*F. W. Westaway, B.A.*	..	*40*	..	..	..	..	..	..	..	..
	DARWEN:													
2147	Science Art, and Technical School, Union Stree and Knott Street.	1889	E. Waddicor	A. G. Grubb; B. Horrocks; J. S. Bland; J. E. Jones, B.A.; J. Norris, B.A.; C. J. Pirrie; H. L. Taylor; M. Whewell	50	150	40	20	15	..	*	..	..	..
	DEARNLEY:													
157	*St. Andrew's School, School Street.*	*1889*	*Rev. G. R. Oakley.*	*C. W. Watling*	*10*	*10*	*10*	..	..	..	..	..	..	..

VIa. Theoretical Mechanics, *Fluids.*	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	VIIIa. Sound.	VIIIb. Light.	VIIIc. Heat.	*A.* VIII. & IX. Alternative Physics.	IX. Magnetism and Electricity.	X. *t.* Inorganic Chemistry (Theory).	X. *p.* Inorganic Chemistry (Practl.).	XI. *t.* Organic Chemistry (Theory).	XI. *p.* Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Human Physiology.	XV. General Biology.	XVI. Zoology.	XVII. Botany.	XVIII. Principles of Mining.	XIX. Metallurgy, Theory.	XIX. *p.* Metallurgy, Pracl.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.	XXV. Hygiene.
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ENGLAND.

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	LANCASHIRE—*cont.*													
	DENTON:													
2151	Public Library, Market Street.	1889	J. Richards	S. E. A. Grünewald, W. Hill, W. Frith, J. H. Smith	35	40	*	*	*	..	*	..	..	..
	DROYLESDEN:													
2152	Technical School, Market Street.	1878	M. Baguley	G. Etchells	15	..	..	..	..	..	..	..	..	..
	EARLESTOWN:													
2154	Viaduct Institute, Viaduct Street.	1876	T. Ormand	B. Davies, J. Stott, J. W. Saville, J. Singleton, S. H. Williams, W. G. Smalley	90	130	40	50	20	..	35	..	..	..
	ECCLES:													
2155	*Grammar School, Clarendon Road.*	*1874*	*A. Burgess*	*J. Walmsley, B.A., C. P. Clarke, B.A., E. F. Roby, A. F. Grundy*	*40*	*60*	*30*	..	..	..	*60*	..	..	*20*
2560	Municipal Technical Classes, St. Andrew's Schools, Barton Lane.	1893	F. Y. Birch	J. Stott	35	50	35	15	12	..	..	..	..	..
	FARNWORTH:													
2160	Kearsley High School for Girls, Church Road.	1886	J. W. Waters	C. Parsons	30	..	..	..	..	..	..	..	..	..
2161	Grammar School, Albert Road.	1886	R. Harrison	F. Adams, B.A.	10	10	10	..	..	..	10	..	..	..
2567	*Technical School, Co-operative Hall, Market Street.*	*1891*	*D. Crossley*	*H. Stott, J. Brookes, R. S. Martin, W. Moss, J. R. Roscoe, E. Heathcote*	*43*	*127*	*15*	*20*	*100*	..	*16*	..	..	..
2571	*New Jerusalem School, Church Street, Kearsley.*	*1892*	*T. A. Martin*	*C. F. Howard*	*8*	*10*	*6*	*6*	..	..	..	..	..	..
	FLEETWOOD:													
2564	Testimonial School, West Street.	1881	J. Dixon	J. Henderson, I. E. Escolme, A. J. Stimpson, A. Atherton, C. Saer, W. Huck, R. Sandham, J. T. Buckley	100	80	..	..	*	..	..	..	..	..
	GARSTON:													
2573	Technical School, 51, St. Mary's Road.	1893	D. H. Browning	S. Burkinshaw, E. A. Atkins, J. Speakman	41	35	10	17	..	..	..	..	..	..
	GOLBORNE:													
2016	Congregational School, High Street.	1885	J. Lowe, jun.	J. Bate, W. T. Garton	10	22	10	..	..	..	.	..	..	..
	GORTON:													
2568	*Old Endowed Schools, Wellington Street.*	*1881*	*R. T. Holland*	*J. F. Molyneaux, A. Cheetham, H. Tinker, I. M. D. James*	*20*	*50*	*	*	..	..	*	..	..	..
	GRANGE-OVER-SANDS:													
2555	*Lindale National School.*	*1891*	*Rev. T. H. Irving.*	*A. R. Brown*	*15*	*15*	..	..	15	..	..	..	..	..

ENGLAND.

Theoretical Mechanics, *Fluids*. VIB.	Applied Mechanics. VII.	Sound, Light, and Heat. VIII.	Sound. VIIIA.	Light. VIIIB.	Heat. VIIIC.	Alternative Physics. A.VIII. & IX.	Magnetism and Electricity. IX.	Inorganic Chemistry (Theory). X. *t.*	Inorganic Chemistry (Practl.). X. *p.*	Organic Chemistry (Theory). XI. *t.*	Organic Chemistry (Practical). XI. *p.*	Geology. XII.	Mineralogy. XIII.	Human Physiology. XIV.	General Biology. XV.	Zoology. XVI.	Botany. XVII.	Principles of Mining. XVIII.	Metallurgy, Theory. XIX.	Metallurgy, Pracl. XIX. *p.*	Navigation. XX.	Nautical Astronomy. XXI.	Steam. XXII.	Physiography. XXIII.	Principles of Agriculture. XXIV.	Hygiene. XXV.
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ENGLAND.

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	LANCASHIRE—*cont.*													
	GRANGE-OVER-SANDS—*cont.*													
2556	Technical Instruction Classes, National School, Kent's Bank Road.	1891	Miss L. A. Parkinson.	H. Moss	30	..	..	..	..	..	..	..	..	..
	GREAT HARWOOD:													
2551	Technical School, Police Street.	1891	R. Chippendale	A. Stansfield	15	..	..	..	..	..	..	..	..	..
	HASLINGDEN:													
2172	The Institute, Dearden Gate.	1890	W. Musgrove	J. W. Elliott W. Holland J. Collinge A. Geddie, M.A. J. Horsfall J. H. Heyworth	75	106	25	..	15	..	..	..	..	6
2172A	Technical School, Blackburn Road.	1892	"	J. W. Elliott J. R. Kelly	56	30	..	30	..	..	..	..	..	..
	HEYWOOD:													
2178	Municipal Technical School, Hind Hill Street.	1876	W. H. Meadowcroft.	E. Fitton E. Ramsbottom J. H. Mather T. Graham C. Diggle J. H. Heywood J. E. Hardman W. Holland S. Stott	50	180	25	25	15	..	15	..	..	..
	HINDLEY:													
2558	Leyland Free Library Market Street.	1891	T. Robey	H. Tarbuck T. F. Walsham	..	40	..	..	..	..	20	..	..	..
2558A	Technical School, Cross Street.	1892	"	J. Oakes T. Laithwaite J. J. Ware A. Seddon	40	80	..	40	20	..	..	..	..	..
	HOOLEY HILL:													
2187	*Ryecroft Branch School, Bridge Street.*	*1891*	*H. B. Sutcliffe*	*W. F. Holroyd* *W. Firth* *G. R. Marshall*	..	*27*	*9*	*9*	*9*	..	*9*	..	..	..
	HORWICH:													
2184	Railway Mechanics' Institute, Chorley New Road.	1887	J. T. Tatlow	A. Ross J. H. Mather E. Fletcher W. M. Sleigh J. A. Bennett J. J. Ware J. Brookes C. J. P. Fuller H. Fowler	100	300	30	160	20	..	50	..	..	5
	KIRKHAM:													
2540	National School, Church Street.	1892	F. Hill	W. B. Burton A. Jolly	20	30	6	..	24	..	.	..	..	..
	LANCASTER:													
A2190	School of Science and Art, Municipal Technical School, Meeting House Lane.	1856	W. Clough	C. Ripper J. W. Wilkinson R. Ayrton H. Gooch C. M. Henderson, M.A. S. Pickford A. Schloesser, M.Sc., Ph.D. J. Marshall F. Abba F. K. Shaw	280	200	30	30	20	..	28	..	..	10

ENGLAND.

VIb. Theoretical Mechanics, *Fluids.*	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	VIIIa. Sound.	VIIIb. Light.	VIIIc. Heat.	*A.*VIII. & IX. Alternative Physics.	IX. Magnetism and Electricity.	X. *t.* Inorganic Chemistry (Theory).	X. *p.* Inorganic Chemistry (Practl.)	XI. *t.* Organic Chemistry (Theory).	XI. *p.* Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Human Physiology.	XV. General Biology.	XVI. Zoology.	XVII. Botany.	XVIII. Principles of Mining.	XIX. Metallurgy, Theory.	XIX. *p.* Metallurgy, Practl.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.	XXV. Hygiene.
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ENGLAND.

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	LANCASHIRE—*cont.*													
	LANCASTER—*cont.*													
2541	*Ripley Hospital*	*1883*	*Rev. W. L. Appleford.*	*S. Wolstenholme*	..	*25*	..	..	..	..	..	..	..	..
	LEIGH:													
2199	Technical School, Railway Road.	1883	J. Ward, B.A.	J. Stott A. J. A. Orchard W. H. R. Darlington J. W. Saville S. C. Barlow W. G. Smalley S. H. Williams T. G. Hirst	100	400	75	100	50	..	50	5	..	..
2200	*Grammar School, Railway Road.*	*1888*	*R. Sargent*	*J. Warlow* *H. H. Warlow*	*8*	*30*	*30*	..	..	..	*12*	..	..	..
	LINDAL-IN-FURNESS:													
2146C	Board School, Lindal-in-Furness.	1893	J. Tyson	W. H. Clark	..	12	..	..	..	..	..	..	..	..
	LITTLEBOROUGH:													
2185	Technical Institute, Church Street.	1892	R. Nuttall	W. E. Fitton J. W. Riley G. Kershaw G. P. Varley H. Boothman Rev. M. E. Pett W. Clegg	30	110	30	15	20	..	15	..	..	..
2185A	St. Barnabas' Church School, Shore.	1894	"	Rev. M. E. Pett	..	20	..	..	..	..	..	..	..	..
	LITTLE HULTON:													
2562	Peel School	1891	S. Heyes	E. Heathcote	..	20	..	..	..	..	..	..	..	..
2562A	Primitive Methodist School, Manchester Road East.	1893	"	L. Garner	..	30	15	..	..	..	15	..	..	..
	LITTLE LEVER:													
2521	St. Matthew's Day School, Market Street.	1895	Rev. J. K. Watkins.	J. Livesey	..	16	..	..	..	..	..	..	..	..
2522	Wesleyan Schools, Mytham Road.	1895	W. Crook	J. F. Wallace	..	18	..	..	..	..	..	..	..	..
	LIVERPOOL:													
2202	*Board School, Clint Road.*	*1889*	*E. M. Hance*	*J. Lomas* *W. Whitehead* *A. Hallam* *J. Morgan, B.Sc.* *J. E. Tindall, B.Sc.* *F. W. Smith, B.Sc.* *T. Huxley* *E. Gibbs*	*30*	*150*	..	..	..	..	*50*	..	..	..
2202A	Board School, Granton Road.	1889	"	J. Lomas A. Hallam J. E. Tindall, B.Sc. J. Morgan, B.Sc. W. A. Whitehead J. W. Shepherd	..	50	..	..	..	..	..	..	..	..
2202B	Board School, Walton Lane.	1889	"	J. Lomas A. Hallam J. E. Tindall, B.Sc. J. Morgan, B.Sc. W. A. Whitehead J. W. Shepherd	..	90	..	..	..	..	..	..	..	..

ENGLAND.

VIb. Theoretical Mechanics, *Fluids*.	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	VIIIA. Sound.	VIIIB. Light.	VIIIC. Heat.	*A.* VIII. & IX. Alternative Physics.	IX. Magnetism and Electricity.	X. *t.* Inorganic Chemistry (Theory).	X. *p.* Inorganic Chemistry (Practl.).	XI. *t.* Organic Chemistry (Theory).	XI. *p.* Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Human Physiology.	XV. General Biology.	XVI. Zoology.	XVII. Botany.	XVIII. Principles of Mining.	XIX. Metallurgy, Theory.	XIX. *p.* Metallurgy, Pracl.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.	XXV. Hygiene.
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ENGLAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Total Number of Individual Students. Science.	I. Practical Plane & Solid Geometry.	II. Machine Construcn & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	V. Pure Mathematics. Stages 4 & 5.	V. Pure Mathematics. Stages 6 & 7.	VIa. Theoretical Mechanics, Solids.
	LANCASHIRE—*cont.* LIVERPOOL—*cont.*													
2202C	Board School, Granby Street.	1889	E. M. Hance	J. Lomas A. Hallam J. E. Tindall, B.Sc. J. Morgan, B.Sc. J. W. Shepherd W. A. Whitehead	..	80	..	..	..	..	..	..	..	..
2202D	Board School, Webster Road.	1889	"	J. Lomas A. Hallam J. E. Tindall, B.Sc. J. Morgan, B.Sc. J. W. Shepherd W. A. Whitehead	..	60	..	..	..	..	..	..	..	..
2202E	Board School, Venice Street.	1889	"	J. Lomas A. Hallam J. E. Tindall, B.Sc. J. Morgan, B.Sc. W. A. Whitehead J. W. Shepherd R. C. Lindsay, B.Sc. J. Herd	..	50	..	..	..	..	..	..	..	..
2202F	Board School, Stanley Road.	1876	"	J. Lomas A. Hallam J. E. Tindall, B.Sc. J. Morgan, B.Sc. W. A. Whitehead J. W. Shepherd J. Russell J. Titterington	14	60	..	..	..	..	14	..	..	..
2202G	Board School, Queen's Road.	1874	"	J. Lomas A. Hallam J. E. Tindall, B.Sc. J. Morgan, B.Sc. W. A. Whitehead J. W. Shepherd S. M. Crosbie S. P. Tolton D. S. Aickin J. Kay F. W. Smith	..	80	..	..	..	..	60	..	..	..
2202H	Board School, Steers Street.	1889	"	J. Lomas A. Hallam J. E. Tindall, B.Sc. J. Morgan, B.Sc. W. A. Whitehead J. W. Shepherd G. N. Jones	80	150	..	..	..	..	..	..	..	..
2202J	*Board School, Chatsworth Street.*	*1876*	"	*J. Lomas* *W. A. Whitehead* *A. Hallam* *A. Ryan* *J. Morgan, B.Sc.* *J. E. Tindall, B.Sc.*	..	*50*	..	..	..	..	..	..	..	..
2202K	Board School, Upper Park Street.	1887	"	J. W. Griffin J. Lomas A. Hallam J. E. Tindall, B.Sc. J. Morgan, B.Sc. W. A. Whitehead J. W. Shepherd W. C. Lane G. E. Pople F. W. Smith	..	220	..	..	..	..	30	..	..	..

ENGLAND

VIb. Theoretical Mechanics, *Fluids*.	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	VIIIa. Sound.	VIIIb. Light.	VIIIc. Heat.	A.VIII. & IX. Alternative Physics.	IX. Magnetism and Electricity.	X. *t*. Inorganic Chemistry (Theory).	X. *p*. Inorganic Chemistry (Practl.)	XI. *t*. Organic Chemistry (Theory).	XI. *p*. Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Human Physiology.	XV. General Biology.	XVI. Zoology.	XVII. Botany.	XVIII. Principles of Mining.	XIX. Metallurgy, Theory.	XIX. *p*. Metallurgy, Pract.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.	XXV. Hygiene.
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ENGLAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Science.	I. Practical Plane & Solid Geometry.	II. Machine Construcⁿ & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	4 & 5.	6 & 7.	VIA. Theoretical Mechanics, Solids.
	LANCASHIRE—*cont.*													
	LIVERPOOL—*cont.*													
2202L	Pupil-teachers' College, Shaw Street.	1890	E. M. Hance -	J. Powell - G. Harris - G. N. Jones - C. D. Lang - J. Lomas - J. H. des Landes A. Hallam - J. W. Shepherd - Dr. Bradshaw - W. H. Young - J. Lishman - E. Taylor - A. J. J. Capner - W. A. Whitehead	360	360	75	..	..	..	200	..	..	..
2202M	Board School, Pleasant Street.	1878	" -	J. M. Dennis - P. Jones - G. Harris - G. N. Jones - C. D. Lang - J. Lomas - A. Hallam - F. C. Jessop - G. E. Pople - J. W. Shepherd -	190	190	30	..	..	..	100	..	..	..
†2202N	Board School, Brae Street.	1888	" -	J. Lomas - A. Hallam - J. E. Tindall, B.Sc. - W. A. Whitehead J. Morgan, B.Sc. J. W. Shepherd - J. H. des Landes	..	130	..	..	..	..	..	..	..	..
2202P	Board School, Earle Road.	1890	" -	J. Lomas - A. Hallam - J. E. Tindall, B.Sc. - J. Morgan, B.Sc. J. W. Shepherd - W. A. Whitehead	..	60	..	..	..	..	..	..	..	..
2202Q	Board School, Daisy Street.	1890	" -	P. Jones - W. R. Shimmin - J. Lomas - A. Hallam - J. E. Tindall, B.Sc. - J. Morgan, B.Sc. W. A. Whitehead J. W. Shepherd -	20	80	..	..	..	..	20	..	..	..
2202R	Board School, Beaufort Street.	1891	" -	J. P. Redish - E. Byron - J. Lomas - A. Hallam - J. E. Tindall, B.Sc. - J. Morgan, B.Sc. W. A. Whitehead J. W. Shepherd -	40	130	..	..	..	..	40	..	..	..
2202S	Board School, Ashfield Street.	893	" -	J. Lomas - A. Hallam - J. E. Tindall, B.Sc. - J. Morgan, B.Sc. W. A. Whitehead J. W. Shepherd -	..	70	..	..	..	..	..	..	..	..

ENGLAND.

Theoretical Mechanics, *Fluids*. VIB.	Applied Mechanics. VII.	Sound, Light, and Heat. VIII.	Sound. VIIIA.	Light. VIIIB.	Heat. VIIIC.	Alternative Physics. *A.* VIII. & IX.	Magnetism and Electricity. IX.	Inorganic Chemistry (Theory). X. *t.*	Inorganic Chemistry (Practl.). X. *p.*	Organic Chemistry (Theory). XI. *t.*	Organic Chemistry (Practical). XI. *p.*	Geology. XII.	Mineralogy. XIII.	Human Physiology. XIV.	General Biology. XV.	Zoology. XVI.	Botany. XVII.	Principles of Mining. XVIII.	Metallurgy, Theory. XIX.	Metallurgy, Pract. XIX. *p.*	Navigation. XX.	Nautical Astronomy. XXI.	Steam. XXII.	Physiography. XXIII.	Principles of Agriculture. XXIV.	Hygiene. XXV.
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ENGLAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Science.	I. Practical Plane & Solid Geometry.	II. Machine Construcⁿ & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1,2,3.	4 & 5.	6 & 7.	VIa. Theoretical Mechanics, *Solids*.
	LANCASHIRE—*cont.*													
	LIVERPOOL—*cont.*													
2202T	Board School, Butler Street.	1893	E. M. Hance -	J. Lomas - A. Hallam - J. E. Tindall, B.Sc. - J. Morgan, B.Sc. W. A. Whitehead J. W. Shepherd -	..	40	..	..	..	..	..	..	..	..
2202U	Board School, William Henry Street.	1893	" -	J. Lomas - A. Hallam - J. E. Tindall, B.Sc. - J. Morgan, B.Sc. W. A. Whitehead J. W. Shepherd -	..	60	..	..	..	..	..	..	..	..
2202W	Harrington Board Sch., Stanhope Street.	1894	" -	J. Lomas - J. E. Tindall, B.Sc. - A. Hallam - J. Morgan, B.Sc. W. A. Whitehead J. W. Shepherd -	..	30	..	..	..	..	..	..	..	..
2202X	Board School, Heyworth Street.	1895	" -	J. Lomas - J. E. Tindall, B.Sc. -	..	40	..	..	..	..	..	..	..	..
2202Y	Manual Instruction Centre, Fonthill Road.	1895	" -	J. Lomas - J. E. Tindall, B.Sc. -	..	50	..	..	..	..	..	..	..	..
2212	Liverpool School of Science and Technology, 21, Islington Flags.	1874	A. H. Crosby -	Dr. A. Stookes - Dr. H. Jones - D. J. Woodley - J. A. Simpson - B. Butler - R. A. Sloan - A. Evans - S. Andrade - J. E. L. Barnes - W. Harramore -	..	520	44	125	..	..	60	..	..	..
2212A	St. Mary's School, 4, Kinglake Street.	1875	" -	J. H. Russell -	40	..	..	..	..	..	..	..	..	..
2212B	Board School, William Henry Street.	1875	" -	J. Powell - -	90	17	17	..	..	..	..	..	..	..
2212C	Convent of Mercy, Mount Vernon.	1888	" -	A. Evans - -	..	43	..	..	..	..	..	..	..	..
2212D	*Board School, Creswell Street.*	*1890*	" -	*G. L. Desoer* -	..	*47*	..	..	*47*	..	..	..	..	..
2594B	Nautical College, 21, Colquitt Street.	1892	W. Hewitt, B.Sc.	W. V. Merrifield, B.A. - F. C. Dale -	..	25	..	..	..	10	..	..	..	..
2212F	Royal College of Chemistry, 96, Duke Street.	1880	A. H. Crosby -	Dr. G. Tate - T. J. Roberts -	..	120	..	..	..	..	..	..	..	..
2212G	Brunswick School, Erskine Street.	1879	" -	W. S. Shaw - -	60	..	..	..	..	..	..	..	..	..
2212H	Central Young Men's Christian Association, Mount Pleasant.	1881	" -	S. Davies - D. Clague - A. H. Dudley -	..	113	..	..	27	..	..	..	..	..
2212I	Young Men's Christian Association, Foley Street, Kirkdale.	1893	" -	S. Burkinshaw - D. J. Woodley, B.A. - R. Stevenson - G. L. Desoer - A. E. Easthope -	30	143	12	71	12	..	..	..	..	..
2212K	Balfour Institute, Smithdown Road.	1888	" -	J. Skeaping - R. Stevenson G. L. Desoer - W. H. Young - W. R. Hardwick	47	65	..	30	18	..	..	..	..	..

ENGLAND.

Theoretical Mechanics, *Fluids*. VIb.	Applied Mechanics. VII.	Sound, Light, and Heat. VIII.	Sound. VIIIa.	Light. VIIIb.	Heat. VIIIc.	Alternative Physics. A.VIII. & IX.	Magnetism and Electricity. IX.	Inorganic Chemistry (Theory). X. *t.*	Inorganic Chemistry (Practl.). X. *p.*	Organic Chemistry (Theory). XI. *t.*	Organic Chemistry (Practical). XI. *p.*	Geology. XII.	Mineralogy. XIII.	Human Physiology. XIV.	General Biology. XV.	Zoology. XVI.	Botany. XVII.	Principles of Mining. XVIII.	Metallurgy, Theory. XIX.	Metallurgy, Pracl. XIX. *p.*	Navigation. XX.	Nautical Astronomy. XXI.	Steam. XXII.	Physiography. XXIII.	Principles of Agriculture. XXIV.	Hygiene. XXV.
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ENGLAND.

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	LANCASHIRE—*cont.*													
	LIVERPOOL—*cont.*													
2212L	School of Science and Technology, 175, Wellington Road, Toxteth Park.	1874	A. H. Crosby	J. Skeaping; D. J. Woodley, B.A.; R. Stevenson; F. O. Creswell; J. Wilding; L. F. Buddle; E. Wright; J. A. Simpson	40	129	15	45	22	..	..	..	..	..
2212M	*Branch of Liverpool School of Science, 17, Islington Flags.*	*1894*	„	*D. J. Woodley, B.A.*	..	*30*	*30*	..	..	..	..	..	..	..
2212N	*Free Library, William Brown Street.*	*1894*	„	*J. A. Simpson*	..	*40*	..	..	..	..	..	..	..	..
2212O	School of Science, Technology, and Art, 68, Byron Street.	1895	„	F. O. Creswell; J. Wilding; W. Butler; W. S. Walker	..	200	..	..	80	..	48	..	..	36
†2213	Liverpool Institute, Mount Street.	1866	H. Whalley	M. T. Bell, B.A.; S. Chester; E. B. Ewart, B.A.; A. L. B. Tindall, B.A.; G. D. Tripp, B.A.; A. Lucas; J. A. Owen, B.Sc.	..	332	..	..	..	..	*	*	*	80
2218	Roman Catholic Practising School, Mount Pleasant.	1875	Rev. J. Smith	M. M. Sweeney; T. McCarthy; J. Firth; M. Bate; T. L. Smith; E. Job	44	40	30	..	..	..	..	..	..	..
2219	*St. Saviour's Boys' School, Downing Street.*	*1886*	*R. G. Bell, B.A.*	*A. Horsfield*; *F. Giles*	*30*	*40*	*20*	..	..	..	..	..	..	..
A2220	School of Art, South District, Mount Street.	1855	H. Whalley	J. Finnie; R. Hartley; R. R. Carter; H. Bottomley; K. Collie; K. Fisher	780	..	..	..	..	..	..	..	..	..
2224	*Higher Grade School, Hope Street, Caledonia Street.*	—	*A. V. Rawlins*	*L. Small*; *A. Cooper*	*36*	*36*	*36*	..	..	..	*36*	..	..	..
2236	Warbreck College, Walton.	1888	W. Smith	H. J. Whiteside; W. J. Sharpe; A. Bainbridge; B. Cunningham	20	45	10	15	15	..	15	..	..	..
2246	St. Francis Xavier's College, 8, Salisbury Street.	1889	H. J. Holme	A. Kopp, B.A.; J. E. Squires; E. Hughes; P. George, B.A.; H. G. Jones	..	80	*	..	..	..	*	..	..	*
2248	St. Luke's School, Colquitt Street.	1889	J. M. Grayson	A. E. Lenty; T. Lakeman; W. W. Ellam; H. Cosnett	36	180	..	..	..	..	20	..	..	..
2250	Neilson Road Board School, Toxteth Park.	1891	A. Cornett	E. J. Skeaping; A. Bainbridge	12	6	..	6	..	..	..	..	..	..
2250A	Aspen Grove Schools, Toxteth Park.	1891	A. Cornett	E. J. Skeaping	10	..	..	..	..	..	..	..	..	..

ENGLAND.

Theoretical Mechanics, *Fluids.* VIB.	Applied Mechanics. VII.	Sound, Light, and Heat. VIII.	Sound. VIIIA.	Light. VIIIB.	Heat. VIIIC.	Alternative Physics. *A.* VIII. & IX.	Magnetism and Electricity. IX.	Inorganic Chemistry (Theory). X. *t.*	Inorganic Chemistry (Practl.). X. *p.*	Organic Chemistry (Theory). XI. *t.*	Organic Chemistry (Practical). XI. *p.*	Geology. XII.	Mineralogy. XIII.	Human Physiology. XIV.	General Biology. XV.	Zoology. XVI.	Botany. XVII.	Principles of Mining. XVIII.	Metallurgy, Theory. XIX.	Metallurgy, Pracl. XIX. *p.*	Navigation. XX.	Nautical Astronomy. XXI.	Steam. XXII.	Physiography. XXIII.	Principles of Agriculture. XXIV.	Hygiene. XXV.
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ENGLAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Science.	I. Practical Plane & Solid Geometry.	II. Machine Construc^n & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1,2,3.	4 & 5.	6 & 7.	VIa. Theoretical Mechanics, *Solids.*
	LANCASHIRE—*cont.*													
	LIVERPOOL—*cont.*													
2508	Roman Catholic Institute, 26, Hope Street.	1884	J. Bligh, M.D.	J. H. Blakeley; J. B. McLaughlin; W. Tipper	50	*	..	..	..	..	14	..	..	..
†*2511*	*Liverpool College, Shaw Street.*	*1890*	*Rev. W. J. Adams.*	*F. C. Jessop; J. W. Jowett; W. H. Carter; W. R. Cooper, B.A.; P. L. Davies; T. A. Smith*	..	*150*	..	..	..	..	*80*	*45*	*25*	..
2512	*Oakes Institute, Rice Lane, Walton.*	*1891*	*J. Wood*	*S. R. Moulsdale*	..	*25*	..	..	..	..	*25*	..	..	..
2513	St. Margaret's Higher Grade School, Princes Road.	1893	W. D. Dent	J. White; W. S. Morris	30	30	..	..	..	..	30	..	..	..
2515	Higher Grade Board School, Arnot Street, Walton.	1894	A. J. Cleaver	J. Wright; W. H. Edwards; J. E. M. West; J. M. Jack	50	165	..	..	..	..	90	..	..	..
2516	Convent of Notre Dame, Everton Valley.	1879	Very Rev. M. Beggan.	A. Copeland; M. Coan; E. Collins; E. Marsland; M. Mottram; T. Parkes; M. A. Byrne	60	60	20	..	..	..	10	..	..	..
2594	Training Ship "Indefatigable," New Ferry.	1893	W. Hewitt, B.Sc.	G. Chambers	..	25	..	..	..	..	..	..	..	..
2594A	*Reformatory Ship "Clarence," New Ferry.*	*1893*	"	*J. Kearney*	..	*36*	..	..	..	..	..	..	..	..
2595	Board School, Arnot Street.	1891	W. Smith	J. R. T. Hurton; J. Wright; J. E. M. West; A. Bainbridge; B. Cunningham	30	100	10	15	20	..	..	..	..	..
2595A	Board School, Anfield Road.	1891	"	A. J. Studdart; J. E. M. West; A. Bainbridge	20	35	10	15	..	..	20	..	..	..
2596	Waterloo Town Hall, Great George's Road.	1891	Miss A. M. Davies.	J. C. Parker; H. H. Spears; F. Evans; L. Small, B.Sc.; W. T. Seaton	60	100	16	14	..	..	18	..	..	..
2596B	*Seaforth, St. Thomas' Schools, Thomson Road.*	*1891*	*A. T. Davies*	*W. T. Seaton; F. Evans; J. C. Parker*	..	*35*	*12*	*12*	..	..	*12*	..	..	..
	LYTHAM:													
2537	*Institute, Clifton Street.*	*1882*	*J. H. Harrison*	*T. H. Wright; J. T. Proffitt; S. Backhouse*	*50*	*40*	..	..	*20*	..	..	..	..	..
	MANCHESTER:													
2255A	Waterloo Road Board School, Cheetham.	1889	C. H. Wyatt	G. Sharples; J. M. Hunter; J. W. Warrington; H. Gibbons; F. Handley; G. Cussons	175	90	20	20	15	..	50	..	..	..

ENGLAND.

VIb. Theoretical Mechanics, *Fluids*.	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	VIIIa. Sound.	VIIIb. Light.	VIIIc. Heat.	A.VIII. & IX. Alternative Physics.	IX. Magnetism and Electricity.	X. *t*. Inorganic Chemistry (Theory).	X. *p*. Inorganic Chemistry (Practl.)	XI. *t*. Organic Chemistry (Theory).	XI. *p*. Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Human Physiology.	XV. General Biology.	XVI. Zoology.	XVII. Botany.	XVIII. Principles of Mining.	XIX. Metallurgy, Theory.	XIX. *p*. Metallurgy, Pract.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.	XXV. Hygiene.
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ENGLAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Science.	I. Practical Plane & Solid Geometry.	II. Machine Construction & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	4 & 5.	6 & 7.	VIA. Theoretical Mechanics, Solids.
	LANCASHIRE—*cont.*													
	MANCHESTER—*cont.*													
2258	Municipal Technical School, Princess Street.	1869	J. H. Reynolds	H. G. Jordan F. C. Forth R. M. Anderson W. W. H. Gee, B.Sc. S. Joyce J. Henderson, B.Sc. E. Knecht, Ph.D. J. Grant E. L. Rhead J. Allan L. G. Radcliffe J. Wilson J. Mattinson J. P. Wrapson J. Crowther T. Dickinson J. E. Holden J. Barnes, M.A., B.Sc. W. A. Rogerson W. H. Cummins E. S. Reynolds, M.D.	120	800	300	400	160	..	250	*	*	..
2258C	Electrical Engineering Branch of Municipal Technical School, Whitworth Street.	1891	"	W. W. H. Gee, B.Sc. S. Joyce J. Henderson, B.Sc. J. P. Wrapson J. Crowther J. Barnes, M.A., B.Sc.	..	200	..	..	..	..	15	10	6	60
A2258D	The Municipal School of Art, Cavendish St., All Saints.	1842	"	W. Crane R. Glazier H. Cadness J. J. Brooks M. Ashton E. L. Bradbury M. C. Fisher M. A. Haynes M. Jones G. Lake F. Tezgin B. V. Vernon W. S. Winder	600	150	150	..	..	..	..	..	..	..
A2262	School of Science and Art, Grammar School, Long Millgate.	1869	O. W. Cox	J. Jackson J. Knight T. Kirkpatrick B. Dinsmore F. J Garnett F. Jones H. E. Schmitz H. G. Willis Rev. A. Taylor H. L. Joseland W. J. Chatterton T. W. K. Sturt	910	920	65	56	12	..	850	30	10	35

ENGLAND.

VIb. Theoretical Mechanics, *Fluids.*	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	VIIIa. Sound.	VIIIb. Light.	VIIIc. Heat.	*A.* VIII. & IX. Alternative Physics.	IX. Magnetism and Electricity.	X. *t.* Inorganic Chemistry (Theory).	X. *p.* Inorganic Chemistry (Practl.)	XI. *t.* Organic Chemistry (Theory).	XI. *p.* Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Human Physiology.	XV. General Biology.	XVI. Zoology.	XVII. Botany.	XVIII. Principles of Mining.	XIX. Metallurgy, Theory.	XIX. *p.* Metallurgy, Pracl.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.	XXV. Hygiene.
..	280	..	..	..	..	..	..	190	180	50	40	..	20	..	..	..	..	..	120	120	..	..	200	60	..	25
20	..	100	20	20	20	..	70	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
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..	..	36	22	6	22	..	63	184	184	22	64	..	12	..	..	..	10	..	30	..	..	..	12	..	..	..

ENGLAND.

School No.	School and Place	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Science.	I. Practical Plane & Solid Geometry.	II. Machine Construcⁿ & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	4 & 5.	6 & 7.	VIA Theoretical Mechanics, Solids.
	LANCASHIRE—*cont.*													
	MANCHESTER—*cont.*													
A2264'	School of Science and Art, Central Board School, Deansgate.	1871	C. H. Wyatt -	F. G. Wood L. Petty J. R. Cooper A. J. Howarth J. B. Glanville R. L. Taylor J. H. Wolfenden A. Adamson F. H. Crewe T. Jones A. R. Edmondson P. W. Barnes W. Wilson R. Lunt E. Whitehead C. H. Sidebotham A. Mort E. Mellor C. S. Lodge, B.A.	250	600	150	100	20	..	150	..	..	*
2269	Pupil Teachers' Classes, Stretford Road.	1875	" -	H. Entwistle R. Barlow A. Swithenbank	150	150	..	..	..	..	75	..	..	..
†2270	St. Matthew's Higher Grade Board School, Devonshire Street, Ardwick.	1875	" -	J. Wilkinson M. E. Templar G. H. Major C. Westerman S. Toyer J. Watson F. G. Dixon G. D. Dunkerley W. S. Barratt F. J. Riley	150	250	30	70	15	..	30	..	..	10
2270B	Bangor Street Board School, Hulme.	1889	" -	H. V. Near R. Woolhaw T. Jones G. F. Johnson W. Wilson F. W. Armstrong W. S. Barratt F. Handley H. Gibbons	140	150	100	80	30	..	40	..	..	..
2275	Roman Catholic College Institute, 54, Grosvenor Square, Oxford Road.	1875	J. Kerckhoffs	E. Creyf	40	40	40	..	..	..	..	..	..	..
2276	Pupil-Teachers' Centre, Roby Sch., Aytoun Street.	1890	C. H. Wyatt -	J. Farish W. Forrester E. Hawkins-Ambler G. Watterson R. Platt	280	225	120	..	..	..	190	..	..	..
2277	Board School, Upper Jackson Street.	1876	" -	J. W. Atkinson S. A. Hildage	150	40	..	..	..	..	40	..	..	..
2277A	Smedley Road Board School, Cheetham.	1889	" -	H. E. Storey J. C. Stone L. G. Thorner G. W. Barnes J. Evans	200	90	15	10	..	..	10	..	..	10
2280	Lower Moseley Street School.	1876	A. E. Steinthal	F. W. Armstrong F. H. Cable E. L. Cooper H. Hyde C. E. Rogers E. Woodhead	..	100	10	20	..	..	15	..	..	..
2281	Board School, Abbott Street.	1876	C. H. Wyatt -	A. S. Hunter R. Henderson	100	..	..	..	..	..	..	..	..	..
2282	Board School, Granby Row.	1892	" -	R. O. Platt W. Whiteside	80	..	..	..	..	..	..	..	..	..

ENGLAND.

VIb. Theoretical Mechanics *Fluids*.	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	VIIIa. Sound.	VIIIb. Light.	VIIIc. Heat.	*A.* VIII. & IX. Alternative Physics.	IX. Magnetism and Electricity.	X. *t.* Inorganic Chemistry (Theory).	X. *p.* Inorganic Chemistry (Practl.).	XI. *t.* Organic Chemistry (Theory).	XI. *p.* Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Human Physiology.	XV. General Biology.	XVI. Zoology.	XVII. Botany.	XVIII. Principles of Mining.	XIX. Metallurgy, Theory.	XIX. *p.* Metallurgy, Pract.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.	XXV. Hygiene.
*	70	50	10	10	10	..	*	200	200	50	50	25	..	40	20	..	50	..	..	..	..	..	30	*	..	40
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ENGLAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Total Number of Individual Students. Science.	I. Practical Plane & Solid Geometry.	II. Machine Construction & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	V. Pure Mathematics. Stages 4 & 5.	V. Pure Mathematics. Stages 6 & 7.	VIa. Theoretical Mechanics, Solids.
	LANCASHIRE—*cont.*													
	MANCHESTER—*cont.*													
2286	Board School, Cornwall Street, Openshaw.	1894	C. H. Wyatt -	W. Williamson - W. H. Cook - T. Cook - J. Heys -	75	120	70	80	..	..	30	..	..	..
2288	St. Patrick's Convent, Livesey Street.	1894	D. Power -	J. Driscoll - W. O'Dea -	50	20	20	..	..	..	..	..	..	..
†2289A	Board School, Birley Street, Beswick.	1885	C. H. Wyatt -	C. Powell - G. Driver - R. J. B. Sanderson - G. Brickhill - T. G. Turner - J. S. Collinge - W. Ashton - W. Johnson - W. Thomas - W. Leach -	150	360	50	200	30	..	40	..	..	..
2294	St. Margaret's School, Hulton Street, Moss Side.	1888	Rev. T. E. Beardsworth.	R. Johnson - W. Worthington W. S. Barratt - W. Hudson -	120	120	70	..	..	..	120	..	..	..
2295	Loretto Convent, Moss Lane, Hulme.	1893	Rev. C. MacCarthy.	R. Henderson -	30	10	10	..	..	..	..	..	..	..
†2299	Board School, Ducie Avenue.	1879	C. H. Wyatt -	T. M. Shaw - A.C. Gronnowsky A. Dugdale - J. Whiteside, B.A. - F. Teggin -	160	150	..	..	..	..	90	..	..	..
2380A	Cavendish Board School, Cavendish Street, Chorlton-on-Medlock.	1889	,, -	W. M. Davies - F. Webb -	90	..	..	..	..	..	..	..	..	..
2413	School of Domestic Economy, South Parade, Deansgate.	1893	Miss A. B. Wright.	H. Goldberg-Saul, M.D. - G. Richardson -	..	20	..	..	..	..	..	..	..	..
2526B	Board School, Johnson Street, Bradford.	1891	C. H. Wyatt -	D. Siddall - A. Beardwell -	100	..	..	..	..	..	..	..	..	..
†2533	Higher Grade Board School, Heath Street, Cheetham.	1884	,, -	—	..	..	..	..	..	..	..	..	..	..
	MIDDLETON:													
2015	Free Library, Long Street.	1891	R. Parkes -	T. M. Shaw - T. Graham, M.A. H. Hyde - J. Mattinson - F. Carter -	70	140	15	20	20	..	20	..	..	..
2015A	School, Suffield Street -	1891	,, -	E. F. Roby -	..	40	..	..	..	..	..	..	..	..
	MILNROW:													
2302	District Council Offices, New Hey Road.	1891	H. Blackburn	W. E. Fitton - J. A. Grindrod - J. T. Smith - E. Clegg - J. T. Henthorne -	19	39	7	6	..	..	..	..	..	..
	MORECAMBE:													
A2301	Technical School, Victoria Street.	1892	Rev. C. V. Gorton.	H. Balmford - J. Marshall - K. Disher - E. Watson -	70	24	6	..	18	.	..	.	..	..
	MOSSLEY:													
2306	Mechanics' Institute, Stamford Road.	1877	J. Waterhouse	S. E. A. Grünewald - W. F. Holroyd - J. Booth - G. H. Britland - J. Bradbury -	0	80	15	18	8	..	20	..	.	..
	MOSS SIDE (MANCHESTER):													
2391	Central Hall, Raby Street.	1893	D. Ainley -	F. Landolt - E. Woodhead - C. E. Woodhead	..	50	10	1	10	..	..	..	..	..

ENGLAND.

Theoretical Mechanics, *Fluids.* VIb.	Applied Mechanics. VII.	Sound, Light, and Heat. VIII.	Sound. VIIIa.	Light. VIIIb.	Heat. VIIIc.	Alternative Physics. *A* VIII. & IX.	Magnetism and Electricity. IX.	Inorganic Chemistry (Theory). X. *t.*	Inorganic Chemistry (Practl.). X. *p.*	Organic Chemistry (Theory). XI. *t.*	Organic Chemistry (Practical). XI. *p.*	Geology. XII.	Mineralogy. XIII.	Human Physiology. XIV.	General Biology. XV.	Zoology. XVI.	Botany. XVII.	Principles of Mining. XVIII.	Metallurgy, Theory. XIX.	Metallurgy, Pract. XIX. *p.*	Navigation. XX.	Nautical Astronomy. XXI.	Steam. XXII.	Physiography. XXIII.	Principles of Agriculture. XXIV.	Hygiene. XXV.
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ENGLAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Total Number of Individual Students. Science.	I. Practical Plane & Solid Geometry.	II. Machine Construction & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	V. Pure Mathematics. Stages 4 & 5.	V. Pure Mathematics. Stages 6 & 7.	VIa. Theoretical Mechanics, Solids.
	LANCASHIRE—*cont.*													
	MOSTON (NEAR MANCHESTER):													
2307	Simpson Memorial School, Moston Lane.	1888	W. H. Tyas	W. Bridge	40	..	..	..	..	..	..	..	..	..
	NELSON:													
†A2309	School of Science and Art, Municipal Technical School, Market Street.	1876	R. M. Prescott	W. H. Hey; W. R. Holt; T. Walmsley; G. Moore; E. M. Clement; R. H. Elliott; W. H. Foster, B.A.; J. B. Whittaker; G. Moore; J. Hilton, B.A.; A. Stell; M. Kennedy, B.A.	200	250	*	*	*	..	*	..	..	*
	NEWCHURCH (NEAR MANCHESTER):													
23[illegible]	Grammar School, Turnpike.	1891	J. Whalley	W. R. Martin; J. Horsfall; T. E. Jackson, M.A.; J. Oliver, B.A.	40	100	..	..	..	..	29	..	..	..
	NEWTON HEATH:													
2258	Town Hall, Oldham Road.	1887	J. H. Reynolds.	A. Ross; W. H. Madden; R. Morton; G. Follows; L. G. Radcliffe	40	100	*	*	*	..	*	..	..	..
2317	Dob Lane Day and Sunday School, Oldham Road.	1889	W. D. Hull	J. Stott; T. Graham, M.A.	18	56	14	40	10	..	20	..	..	..
	OLDHAM:													
A2321	School of Science and Art, Municipal Technical School, Union Street.	1864	A. Nicholson	J. H. Appleton; J. Armitage; H. H. Wareing; J. S. Bates	35	60	25	25	*	..	40	*	*	29
*2322	*Werneth Board School, Hardy Street.*	*1887*	*J. Rennie*	*A. Smith; G. Lee; G. M. Handley; J. C. Nicol; A. Rhead; A. Jackson; J. H. Boyd; A. T. Day*	..	*185*	..	..	..	..	[illegible]	..	..	..
2327	School Board Offices, Union Street West.	1894	J. Rennie	G. M. Handley; A. L. Chadderton, B.A.	..	110	..	..	..	..	..	30	..	..
2329	*Co-operative Society's Science School, Bottom-o'-th'-Moor.*	*1878*	*J. Davies*	*H. Greaves; B. Shore; W. Pitton*	*30*	*90*	*75*	*60*	*10*	..	*20*	..	..	*5*
	OPENSHAW:													
†2533	Municipal Buildings, Ashton Old Road.	1884	J. H. Reynolds	R. M. Anderson; W. H. Madden	..	50	*	*	..	..	*	..	..	..
2534	The Lads' Club, Whitworth Street.	1892	S. A. Luke	S. A. N. Delnce; R. Higham; T. R. Shaw	..	120	28	99	..	..	*	..	..	..
	ORMSKIRK:													
2339	Boys' United Charity School, Aughton St.	1889	J. Baxendale	L. Winder; C. J. Gosson	70	35	10	..	..	..	..	..	..	..
	OSWALDTWISTLE:													
333[illegible]	Church and Oswaldtwistle Technical School, Lord Street.	1891	J. T. Smith	A. G. Grubb; E. M. Grubb; T. Heys; J. H. Critchley; A. E. Millward	100	130	20	..	..	..	40	..	..	..

ENGLAND.

VI b. Theoretical Mechanics, *Fluids*.	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	VIII A. Sound.	VIII B. Light.	VIII C. Heat.	A. VIII. & IX. Alternative Physics.	IX. Magnetism and Electricity.	X. *t*. Inorganic Chemistry (Theory).	X. *p*. Inorganic Chemistry (Practl.)	XI. *t*. Organic Chemistry (Theory).	XI. *p*. Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Human Physiology.	XV. General Biology.	XVI. Zoology.	XVII. Botany.	XVIII. Principles of Mining.	XIX. Metallurgy, Theory.	XIX. *p*. Metallurgy, Pract.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.	XXV. Hygiene.
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ENGLAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Science.	I. Practical Plane & Solid Geometry.	II. Machine Construction & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	4 & 5.	6 & 7.	VI A. Theoretical Mechanics, Solids.
	LANCASHIRE—*cont.*													
	PADIHAM:													
2350	Science, Art, and Technical School, Guy Street.	1887	J. R. Smith	R. Lee T. W. Waddington W. T. Leeming J.H. Balderstone	120	50	20	..	12	..	15	..	..	..
	PATRICROFT:													
2352	National School, Nelson Street.	1891	Captain J. Andrew.	M Mather J. Mather W. O. Larmuth J. Davidson	24	50	20	30	..	..	24	..	..	..
2354	Higher Grade British School, Green Lane.	1883	S. Mellor, J.P.	R. J. B. Sanderson J. H. Larmuth L. H. Larmuth G. E. Ashcroft	10	120	60	20	..	..	45	..	..	..
	PENDLEBURY:													
2360	*British School, Chapel Street.*	*1889*	*J. Berry*	*G. F. Bradshaw*	..	*18*	..	*18*	..	..	..	..	..	..
2355B	Institute, Bolton Road.	1889	„	J. H. Sargeant A. J. A. Orchard W. B. Boardley S. C. Barlow	25	70	15	20	..	..	..	..	..	..
	PENDLETON:													
†2358	Higher Grade Board School.	1886	O. Duthie	E. Tittle J. W. Fletcher W. Moscrop J. Hall F. Merchant M. H. Barnes E. Green	100	250	40	45	30	..	25	..	..	..
	PENKETH (NEAR WARRINGTON):													
2470	*Friends' School*	*1888*	*C. J. Holmes*	*G. T. Linney* *A. Pollard*	..	*25*	*20*	..	..	..	*20*	..	..	..
	PENWORTHAM:													
2356	Hutton Grammar School.	1888	J. T. Pye	T. J. Cunningham, M.A. E. P. Pelloe, B.A. A. V. C. Fenby, B.Sc. W. Wilson	45	40	..	..	..	..	30	..	..	..
	PRESCOT:													
2363	*Board School, Warrington Road.*	*1891*	*H. Crott*	*C. F. Buckham*	*18*	*80*	*80*	..	..	..	..	..	..	..
2363A	*Bank Buildings, Derby Street.*	*1892*	„	*G. M. Hewitt* *W. H. Hall*	..	*100*	*80*	*25*	..	..	*75*	*6*	..	*30*
	PRESTON:													
▲2365	School of Science and Art, Harris Institute.	1860	Capt. T. R. Jolly.	W. B. Barton W. H. Woodall B. H. Smith M. Snowden B. Bibby F. Bentham T. Whittaker F. J. Pye A. Jolly T. R. G. Parker J. T. Buckley F. W. Ascroft H. Howarth, B.A. F. W. Brewer, M.A. R. Pendlebury J. Gardner D. E. Bostock F. T. Addyman, B.Sc. G. Sutcliffe Dr. E. Sergeant T. H. Greenall J. Stacey H. S. Daine	350	790	130	85	110	..	70	20	..	20

ENGLAND.

Theoretical Mechanics, *Fluids*. VIb.	Applied Mechanics. VII.	Sound, Light, and Heat. VIII.	Sound. VIIIa.	Light. VIIIb.	Heat. VIIIc.	Alternative Physics. A. VIII. & IX.	Magnetism and Electricity. IX.	Inorganic Chemistry (Theory). X. *t.*	Inorganic Chemistry (Practl.) X. *p.*	Organic Chemistry (Theory). XI. *t.*	Organic Chemistry (Practical). XI. *p.*	Geology. XII.	Mineralogy. XIII.	Human Physiology. XIV.	General Biology. XV.	Zoology. XVI.	Botany. XVII.	Principles of Mining. XVIII.	Metallurgy, Theory. XIX.	Metallurgy, Pracl. XIX. *p.*	Navigation. XX.	Nautical Astronomy. XXI.	Steam. XXII.	Physiography. XXIII.	Principles of Agriculture. XXIV.	Hygiene. XXV.
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ENGLAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Science.	I. Practical Plane & Solid Geometry.	II. Machine Construcn & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	4 & 5.	6 & 7.	VIA. Theoretical Mechanics, *Solids.*
	LANCASHIRE—*cont.*													
	PRESTON—*cont.*													
2371A	Roman Catholic Grammar School, 29, Winckley Square.	1890	N. Cockshutt	J. Howard; G. Riley; G. Cassidy	..	60	..	..	..	..	45	..	..	..
2373	The Convent School, 22, Winckley Square.	1886	Y. W. Booth	E. Balbirnie; J. Power	55	50	..	..	..	..	..	..	..	..
	PRESTWICH:													
2370	St. Margaret's School, Rooden Lane.	1894	J. J. Maddocks	W. Clough	14	..	..	..	..	..	..	..	..	..
	RADCLIFFE:													
2376	Local Board's Laboratory, 10, Hampson Street.	1878	J. Sharples	T. Seaston; S. M. Walford	..	50	..	..	..	..	12	..	..	6
2376A	Congregational Schools, Water Street.	1891	"	J. Stott; A. E. Millward	30	30	10	25	6	..	..	..	..	..
	RAMSBOTTOM:													
2384	*Science and Art Classes, 56, Ramsbottom Lane.*	*1877*	*J. W. Barlow*	*A. M. Drennan, B.A.; J. H. Holt; A. Smith; T. Abbott*	*25*	*90*	..	..	..	..	*20*	..	..	..
2384A	*St. Paul's Infant School, Crow Lane.*	*1891*	"	*A. M. Drennan, B.A.; J. H. Holt; A. Smith; T. Abbott*	..	*18*	..	*12*	*6*	..	..	..	..	..
2384B	*Technical School, Stubbin's Lane.*	*1894*	"	*A. M. Drennan, B.A.; J. H. Holt; A. Smith; T. Abbott*	*	*25*	*25*	..	..	..	..	..	..	..
	RAWTENSTALL:													
2387	St. Mary's School	1883	J. Whalley	J. Connor	19	..	..	..	..	..	..	..	..	..
	RHODES (NEAR MIDDLETON):													
2394	*Works School, Mount Pleasant.*	*1867*	*W. Holt*	*B. Dinsmoore*	*30*	*5*	*5*	..	..	..	..	..	..	..
	RISHTON:													
2390A	*Wesleyan School, High Street*	*1891*	*J. I. Helm*	*H. Dickie*	*20*	*15*	*15*	..	..	..	..	..	..	..
	ROCHDALE:													
A2395	Municipal School of Art, Town Hall, Esplanade.	—	J. W. Jones	R. B. Dawson; N. Heard; E. Wrigley; G. W. Wheeler; W. Whipp	260	12	12	..	..	..	..	..	..	..
2395A	Municipal Technical School, Nelson Street.	1892	"	H. Thornton; J. W. Riley; K. Grindrod; J. F. Wilkinson, B.A.; J. R. Ashworth, B.Sc.; W. Marshall; R. Law; A. Sheard; J. Shearer; W. Gee; R. B. Brierley, B.A.	25	500	30	64	70	..	70	..	..	10
2402	*Wesleyan Day School, Union Street.*	*1879*	*Rev. D. Heaton*	*F. Barraclough*	..	*24*	..	..	..	..	..	..	..	..
2403	Central Board School, Fleece Street.	—	G. H. Wheeler	—	*	*	..	..	..	..	..	..	..	..

ENGLAND.

Theoretical Mechanics, *Fluids.* VIb.	Applied Mechanics. VII.	Sound, Light, and Heat. VIII.	Sound. VIIIa.	Light. VIIIb.	Heat. VIIIc.	Alternative Physics. *A* VIII. & IX.	Magnetism and Electricity. IX.	Inorganic Chemistry (Theory). X. *t.*	Inorganic Chemistry (Practl.) X. *p.*	Organic Chemistry (Theory). XI. *t.*	Organic Chemistry (Practical). XI. *p.*	Geology. XII.	Mineralogy. XIII.	Human Physiology. XIV.	General Biology. XV.	Zoology. XVI.	Botany. XVII.	Principles of Mining. XVIII.	Metallurgy, Theory. XIX.	Metallurgy, Pracl. XIX. *p.*	Navigation. XX.	Nautical Astronomy. XXI.	Steam. XXII.	Physiography. XXIII.	Principles of Agriculture. XXIV.	Hygiene. XXV.
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ENGLAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Science.	I. Practical Plane & Solid Geometry.	II. Machine Construc^n & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1.2.3.	4 & 5.	6 & 7.	VIa. Theoretical Mechanics, *Solids.*
	LANCASHIRE—*cont.*													
	ROYTON:													
2388	Wesleyan School, Market Street.	1892	J. W. Riley	A. Manock; W. R. C. Taylor	20	15	15	..	..	..	..	..	..	..
	ST. HELEN'S:													
2409	Cowley's Middle Schools, Cowley Hill Lane.	1883	T. Brewis	G. M. Lewis; E. W. Fyfe, B.A.; S. A. Walker, B.A.; E. J. Simpson, M.A.; W. H. Topham	50	185	..	..	..	..	42	..	..	..
2417	Imperial Buildings, Ormskirk Street.	1891	W. J. Jeeves	J. Skeaping; E. J. Skeaping; E. J. Brierley; J.'J. Broomhead; W. Gregory, M.A.; T. T. Rees; J. Wallwork; E. M. Hollingsworth; D. Clague; W. Wardlow	120	250	50	50	30	..	70	..	..	12
2417A	Town Hall	1895	"	J. Wallwork	..	40	..	..	..	..	..	..	..	..
2418	College of Pupil-Teachers, 62, North Road.	1892	J. Kenny	L. Storey; M. Flannery; F. Willis; M. Sale	.	36	11	..	..	..	..	..	..	..
	SALFORD:													
2379	Senior Boys' Board School Trafford Road.	1885	O. Duthie	J. Morris; W. Moscrop; W. B. Boardley; W. Carter; W. Whiteside	30	150	100	100	..	..	40	..	..	..
2424	*Wesleyan Higher Grade Schools, Sussex Street, Lower Broughton.*	*1888*	*R. Cunliffe*	*H. Earl*; *A. Battersby*	..	85	..	..	..	..	35	..	..	..
2425	Iron Works School, Queen Street, Institute.	1873	W. Brown	A. Hilton; A. B. Webb; T. H. Price; L. Whyatt	..	100	45	70	10	..	..	..	..	..
2426	Adelphi House School, Adelphi Street.	1890	Very Rev. T. Corbishley.	A. Phelan; L. Smith; B. Dalton; K. Greene	..	43	..	..	..	..	..	..	..	..
†2427	*Higher Grade School, Woodbine Street.*	*1878*	*J. Roberts*	*A. Frow*	..	24	..	..	..	..	..	..	..	..
2429	Christ Church Upper School, Hulme Street.	1886	L. Tatham	H. Collier	..	20	..	..	..	..	20	..	..	..
2430	Board School, Robert Hall Street, Trafford Road.	1879	O. Duthie	E. Tittle; W. S. Taylor; M. H. Barnes; E. Green	50	50	..	..	25	..	20	..	..	..
†2430A	Grecian Street Board School, Lower Broughton.	1881	"	J. Morris; W. S. Taylor; W. Moscrop; E. Green	..	150	50	70	30	..	..	..	..	..
2430B	Irwell Street, Pupil-Teachers' School.	1891	"	G. W. Stone; E. Tittle; W. H. Holloway; E. Green; J. Morris	200	150	25	..	..	..	..	..	..	..
2430C	West Liverpool Street Board School, Bridgewater Avenue.	1894	"	J. Morris	..	100	..	..	..	..	..	..	..	..
†2430D	Central Higher Grade School, Great George Street.	1894	"	J. Ashworth	50	..	..	..	..	..	..	..	..	..

ENGLAND.

	VIb. Theoretical Mechanics, *Fluids*.	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	VIIIa. Sound.	VIIIb. Light.	VIIIc. Heat.	*A.* VIII. & IX. Alternative Physics.	IX. Magnetism and Electricity.	X. *t.* Inorganic Chemistry (Theory).	X. *p.* Inorganic Chemistry (Practl.)	XI. *t.* Organic Chemistry (Theory).	XI. *p.* Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Human Physiology.	XV. General Biology.	XVI. Zoology.	XVII. Botany.	XVIII. Principles of Mining.	XIX. Metallurgy, Theory.	XIX. *p.* Metallurgy, Pracl.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.	XXV. Hygiene.
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ENGLAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Science.	I. Practical Plane & Solid Geometry.	II. Machine Construcⁿ & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	4 & 5.	6 & 7.	VIa. Theoretical Mechanics, Solids.
	LANCASHIRE—*cont.*													
	SALFORD—*cont.*													
2430E	West Liverpool Street Boys' School, Joseph St., Seedley.	1895	O. Duthie -	W. Moscrop - J. Hall -	..	45	*	*	..	..	..	..	..	..
2445	Hope Board School, Liverpool Street.	1884	" -	J. Morris - W. Moscrop -	10	110	75	75	..	..	..	..	..	..
	SHAW:													
2434	Church Institute, Manchester Road.	1893	J. H. Mills -	J. T. Henthorne J. Brown -	..	34	12	..	..	..	..	..	..	..
2434A	East Crompton Church Institute, St. James' Street.	1893	" -	W. E. Fitton - J. H. Langstreth	30	19	..	..	..	..	..	..	..	..
2434C	Wesleyan Schools, Chapel Street.	1893	" -	J. Wild - - -	..	8	..	..	..	..	..	..	..	..
	SKELMERSDALE:													
2436	Town Hall, Sandy Lane.	1891	W. Corns -	H. Tarbuck - A. Seddon -	..	30	..	..	..	..	..	..	..	..
2437	Endowed School, School Lane.	1893	T. Cartmel -	J. Tinsley - -	..	30	..	..	..	..	..	..	..	..
	SOUTHPORT:													
A 2590	Victoria School of Science and Art, Lord Street.	1882	F. W. Teague	F. Reily - T. Cartwright - E. G. Thompson - W. Smith - D. Haslam - M. A. E. Crompton - G. R. Anderson, F.R.C.S., L.R.C.P. Rev. W. T. Bulpit W. Clitheroe - E. G. Highfield - J. Marsden - J. Ohm, M.A. -	270	210	40	12	40	..	30	..	..	12
	STACKSTEADS:													
2448	Far Holme Co-operative Science Classes, New Church Road.	1886	W. Turnbull -	G. Duerr - F. Duerr -	..	12	..	..	..	..	..	..	..	..
	SWINTON:													
2455	*St. Peter's Church School, Brackley Street.*	*1891*	*J. Berry* -	*J. H. Sargent* - *W. Liptrot* - *J. Wallwork* -	..	*60*	*45*	..	..	..	*45*	..	..	..
	TODMORDEN:													
†2458	Roomfield Board School	1869	J. Whitehead	J. H. Farran - T. Abbott - S. H. Woolhouse - J. B. Whitaker - F. Rogers - J. H. Langstreth - W. Abbott - E. A. Powell - G. Howarth - A. H. Farrar -	85	135	35	10	10	..	25	..	..	10
2460	Unitarian Sunday Sch., Hanging Ditch.	1891	W. Postlethwaite.	A. Stevenson -	..	8	..	..	..	..	..	..	..	..
	TRAWDEN FOREST:													
2467	Literary Institution, Lane House.	1889	G. Harrison -	A. Wilmore - R. Sowerbutts -	..	20	..	..	..	..	..	..	..	..
	TURTON:													
2462	*St. Ann's School* -	*1888*	*J. Whitehead*	*U. Warren* - *A. J. Flann* -	..	*18*	..	*12*	..	..	..	..	..	..

ENGLAND.

VI B. Theoretical Mechanics, *Fluids*.	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	VIII A. Sound.	VIII B. Light.	VIII C. Heat.	*A.* VIII. & IX. Alternative Physics.	IX. Magnetism and Electricity.	X. *t*. Inorganic Chemistry (Theory).	X. *p*. Inorganic Chemistry (Practl.).	XI. *t*. Organic Chemistry (Theory).	XI. *p*. Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Human Physiology.	XV. General Biology.	XVI. Zoology.	XVII. Botany.	XVIII. Principles of Mining.	XIX. Metallurgy, Theory.	XIX. *p*. Metallurgy, Pract.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.	XXV. Hygiene.
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ENGLAND.

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	LANCASHIRE—*cont.*													
	TYLDESLEY:													
2582	Mechanics' Institute, Stanley Street.	1881	T. Bridge	A. Ross, J. Davidson, A. Higson, J. Brookes, G. Beddow, J. Hadfield, J. Thorpe	15	50	..	*	..	..	*	..	..	..
	ULVERSTON:													
2584	Savings' Bank, Union Street.	1886	F. Booth	H. Moss, J. Arden	41	4	*	..	..	..	..	..	..	..
2584A	Technical School, Buxton Place.	1891	"	W. Meredith, T. T. Parks	..	40	..	..	..	..	..	..	..	..
2585	Urswick Grammar School.	1891	Rev. R. B. Billinge.	T. Brockbank	24	..	..	..	..	..	..	..	..	..
	UPHOLLAND:													
2566	*Grammar School*	*1891*	*G. H. Morris*	*D. S. Rennard*	..	*10*	..	..	..	..	*10*	..	..	..
	URMSTON:													
2468	British Higher Grade School, Flixton Road.	1887	C. H. Wyatt	F. Fletcher, L. G. Thornber	..	70	..	..	..	..	40	..	..	..
	WALKDEN:													
2547	*Congregational School, Bolton Road.*	*1892*	*J. T. Gee*	*J. Wallwork*	..	*80*	..	..	..	..	..	..	..	..
2547B	*St. Paul's Infants' School, Manchester Road.*	*1893*	"	*S. Brooks, W. Williamson*	*26*	*25*	*10*	..	*15*	..	..	..	..	..
	WALSDEN:													
2466	Board School, Rochdale Road.	1872	J. Whitehead	W. Stott	..	10	..	..	..	..	10	..	..	..
	WARRINGTON:													
2058	Pupil Teachers' Central Classes, Training College, Manchester Road.	1894	J. D. Buckton	M. Beatty	..	40	..	..	..	..	..	..	..	..
A.2471	School of Science and Art, Municipal Technical Institute, Museum Street.	1853	C. Madeley	C. B. Aylward, R. I. Banks, B. Lees, R. Daintith, T. T. Rees, W. H. Cummins	135	196	72	32	22	..	..	..	..	..
2471A	Technical Institute, Bold Street and Museum Street.	1891	"	B. Davies, W. H. Stansfield	..	*	..	..	..	..	29	..	..	..
2471B	Technical Institute, Wilson Patten Street.	1891	"	F. G. Ruddock, J. R. Ashworth, B.Sc., E. E. Bowden, M.R.C.S.	..	*	..	..	..	..	..	..	..	..
2494	*Day Star Technical Institute, Station Road.*	*1889*	*C. E. Parker*	*J. Woolman, B.A.*	..	*15*	..	..	..	..	..	..	..	..
	WATERFOOT:													
2143A	Board School	1895	J. Whalley	W. E. Fitton, J. Horsfall	15	15	..	..	..	..	15	..	..	..
	WAVERTREE:													
2598	*Holy Trinity School, Prince Alfred Road.*	*1891*	*R. Mealing*	*J. Wilding, S. Burkinshaw*	*18*	*18*	*8*	..	*9*	..	..	..	..	..
	WEST HOUGHTON:													
2479	St. Bartholomew's Parochial School.	—	T. Partington	J. Tonge	..	30	..	..	..	..	..	..	..	..
2479A	Wingates Independent Methodist School, Dixon Street.	1893		A. G. Williams		..	..	..	..	..	..	..	..	..

ENGLAND.

VIB. Theoretical Mechanics, *Fluids*.	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	VIIIA. Sound.	VIIIB. Light.	VIIIC. Heat.	A.VIII. & IX. Alternative Physics.	IX. Magnetism and Electricity.	X. *t*. Inorganic Chemistry (Theory).	X. *p*. Inorganic Chemistry (Practl.)	XI. *t*. Organic Chemistry (Theory).	XI. *p*. Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Human Physiology.	XV. General Biology.	XVI. Zoology.	XVII. Botany.	XVIII. Principles of Mining.	XIX. Metallurgy, Theory.	XIX. *p*. Metallurgy, Pracl.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.	XXV. Hygiene.
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	LANCASHIRE—*cont.*													
	WHALLEY:													
2496	Royal Grammar School	1890	A. Longworth	A. G. Grubb A. Thomson, M.A. J. Ashcroft R. E. Midgley	50	50	20	10	10	..	50	..	..	30
	WHITEFIELD (NEAR MANCHESTER):													
2491	Stand Grammar School.	1887	W. T. Jones	W. H. Healey, B.A.	15	15	..	..	..	..	15	..	..	3
2497	District Council Offices, Elms Street.	1892	J. P. Monks	A. Ross A. Smith S. Brooks	15	25	..	..	10	..	..	..	..	..
	WHITWORTH:													
2480	Technical School, Spring Place, Facit.	1892	P. Sagar	A. Braithwaite W. A. Parker W. Holland J. B. Slack H. Boothman	20	68	8	6	6	..	12	..	..	..
	WIDNES:													
2484	Science and Art Classes, Major Cross Street.	1874	S. Hoyle	J. MacMahon J. Speakman P. J. Beveridge, M.A., B.Sc.	51	111	3	31	..	..	..	..	..	10
2484A	Simm's Cross Board School, Widnes Road.	1893	"	S. Davies W. Harrison, B.A.	..	66	..	..	31	..	25	..	..	..
	WIGAN:													
2010	College of Pupil Teachers, Standishgate.	1884	W. Berry, J.P.	M. A. Hunt E. Gorman M. Tyson M. J. Young M. Mead M. T. Rigby P. O'Loughlin	50	50	20	..	..	..	50	..	..	..
2054A	*St. John's School, Abram.*	*1893*	*A. M. Hart*	*T. Grundy*	..	*20*	..	..	..	..	..	..	..	..
2486	Mining School, Rodney Street.	1861	T. R. Ellis	C. McL. Percy V. Abbott J. W. Ainsworth T. H. Byrom W. J. Orsman W. H. Riddlesworth C. J. W. Simpson D. W. Steele J. Warlow G. H. Winstanley	..	400	40	80	..	..	40	..	..	40
2486C	The Powell Juvenile Library, Station Road.	1895	"	C. J. W. Simpson D. W. Steele J. Warlow	..	100	..	..	75	..	40	..	..	..
2489	Grammar School, The Mesnes.	1879	"	S. L. Booth A. Mercer T. Lowe	200	..	..	..	..	..	..	..	..	..
2490	St. Catherine's Church of England School, Scholefield Lane.	1887	Rev. F. W. Boumphrey.	W. J. Allen	..	30	..	..	..	..	..	..	..	..
2492	*Young Men's Christian Association, Quadrant Buildings, King Street.*	*1888*	*J. A. Johnson*	*W. Barlow* *W. T. Hesketh*	..	*36*	*30*	*20*	*12*	..	..	..	..	*15*
	LEICESTERSHIRE.													
	ASHBY-DE-LA-ZOUCH:													
2645	Grammar School	1886	A. W. Whatmore.	H. Parrans T. Brown A. R. Wilson	15	25	..	..	..	..	..	..	..	..

ENGLAND.

VIB. Theoretical Mechanics, *Fluids*.	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	VIIIA. Sound.	VIIIB. Light.	VIIIC. Heat.	A.VIII. & IX. Alternative Physics.	IX. Magnetism and Electricity.	X. *t*. Inorganic Chemistry (Theory).	X. *p*. Inorganic Chemistry (Practl.)	XI. *t*. Organic Chemistry (Theory).	XI. *p*. Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Human Physiology.	XV. General Biology.	XVI. Zoology.	XVII. Botany.	XVIII. Principles of Mining.	XIX. Metallurgy, Theory.	XIX. *p*. Metallurgy, Pract.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.	XXV. Hygiene.
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	LEICESTERSHIRE—*cont.*													
	ASHBY-DE-LA-ZOUCH—*cont.*													
2648	Girls' Grammar School, Market Street.	1886	J. German -	M. L. Sutherland, E. J. Hogg -, A. R. Wilson -	65	65	..	..	..	..	36	..	..	.
	BARROW-ON-SOAR:													
2602	Humphrey Perkins Grammar School.	1890	Rev. F. D. Thomson.	W. R. Burrows -, C.K.Gimson,B.A.	12	12	..	..	..	..	6	..	..	..
	BARWELL:													
2644	National School - -	1891	J. W. Garratt	J. B. Elwell - -	20	10	10	..	..	..	..	..	..	..
	COALVILLE:													
2629	*National School, London Road.*	*1892*	*W. F. Carnley*	*J. Ford* - -	..	*20*	..	..	..	..	..	..	..	..
	HINCKLEY:													
2604	*Church School, Station Road.*	*1875*	*J. W. Reeve* -	*G. Foreman* - -	..	*35*	..	..	..	..	..	..	..	..
2605	Grammar School, New Buildings.	1877	T. Kiddle -	T. C. Barfield -, A. Perkins - -	50	10	10	..	..	..	..	..	..	..
2605A	New Grammar School, Leicester Road.	1895	" -	J. A. Harrison -, T. C. Barfield -	24	15	..	..	..	..	..	..	..	..
	HUGGLESCOTE:													
2659	Baptist School, Main Street.	1893	C. W. Taylor -	W. Fellows - -	20	10	..	..	..	..	..	..	..	..
2627	National School, Ashby Road.	1892	"	J. Ford - - -	..	30	..	..	..	..	..	..	..	..
	IBSTOCK:													
2628	*National School* - -	*1891*	*Rev. J. P. Newman.*	*J. Ford* - -	..	*45*	..	..	..	..	..	..	..	..
	KIBWORTH:													
2661	National School - -	1894	Mrs. N. Taylor	T. C. Barfield -	17	..	..	..	..	..	..	..	..	..
	LEICESTER:													
2608	St. Martin's School, Friar Lane.	1865	J. E. Sarson -	W. M. Cowdell -	..	35	..	..	35	..	..	..	..	..
2610	Co-operative Buildings, 4, Union Street.	1886	S. C. Hubbard	W. H. Lever -, W. H. Langton -	..	80	..	..	..	..	..	..	..	..
†2612	Alderman Newton's Higher Grade School, St. Martin's.	1889	W. L. Salusbury.	A. G. Moore -, J. W. Muston, M.A. - - -, W. Ball - -, W. E. Jennings -, W. H. Langton -, T. Thorpe - -, C. E. Brooks -	180	170	15	..	..	..	18	..	8	..
A2614	School of Science and Art, Hastings Street and the Newarke.	1870	A. T. Newby -	A. Spencer - -, B. J. Fletcher -, I. M. Charters -, M. R. Windley -, A. T. Roberts -, W. T. Smith -, C. H. Lauford -, A. E. Farman -, G. Haywood -, W. J. Urquhart -, H. H. Thompson	530	150	50	50	50	..	..	..	..	..
2614B	Great Wigston Board School.	1890	"	A. Spencer - -, G. Haywood -, C. H. Lauford -	70	..	..	..	..	..	..	..	..	..

ENGLAND.

VIB. Theoretical Mechanics, *Fluids*.	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	VIIIA. Sound.	VIIIB. Light.	VIIIC. Heat.	A.VIII. & IX. Alternative Physics.	IX. Magnetism and Electricity.	X. *t*. Inorganic Chemistry (Theory).	X. *p*. Inorganic Chemistry (Practl.)	XI. *t*. Organic Chemistry (Theory).	XI. *p*. Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Human Physiology.	XV. General Biology.	XVI. Zoology.	XVII. Botany.	XVIII. Principles of Mining.	XIX. Metallurgy, Theory.	XIX. *p*. Metallurgy, Pract.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.	XXV. Hygiene.
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ENGLAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Science.	I. Practical Plane & Solid Geometry.	II. Machine Construc.ⁿ & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	4 & 5.	6 & 7.	VIA. Theoretical Mechanics, *Solids.*
	LEICESTERSHIRE—*cont.*													
	LEICESTER—*cont.*													
†A2618	School of Science and Art, Wyggeston's Hospital Boys' School, High Cross Street.	1877	A. H. Burgess	G. S. Catlow; T. H. Thirlby; J. W. Charlton; P. B. Hickling; F. A. Hillard, B.A.; E. H. Stevens, B.A.; R. T. Robinson, B.A.; H. S. Biggs, B.A.; J. H. Hawthorn; Rev. A. Holt, B.A.; T. S. Elgood; E. E. Brooks	400	340	75	70	50	..	50	..	..	15
2620	Wyggeston's Hospital, Girls' School, Humberstone Gate.	1879	"	G. S. Catlow; A. E. Gardner; M. A. E. Butler; C. E. Oldaker	150	70	..	..	..	..	..	..	..	10
2647	Board School, Oxford Street.	1881	T. Groves	B. J. Fletcher; A. T. Roberts; I. Charters; J. H. Stevens; G. F. Cross; R. G. Waddington; G. Townsend; G. B. Dixon; W. M. Bailey; J. Eastwood; F. F. Palmer; W. H. Lever; J. D. Preston; J. A. Lakin; A. H. Murby; G. Gater; A. F. Callaghan	220	210	65	..	..	..	36	..	..	..
2647B	Board School, Melbourne Road.	1892	"	F. F. Palmer	40	40	..	..	..	..	..	..	..	..
	LOUGHBOROUGH:													
2646	Church Gate School	1881	C. H. Adams	F. Riley; W. J. Hodgson; S. S. Whiteley; W. R. Burrows; W. Ball	35	100	10	20	10	..	..	..	..	..
2646A	Ashby Road School	1890	"	J. Upton, B.A.	..	60	..	..	..	..	30	..	..	..
2649	Intermediate School, Ashby Road.	1894	W. E. Woolley	J. Upton; J. Wagstaff	56	56	30	..	..	..	56	..	..	..
†2649A	Grammar School, Burton Walks.	1895	"	—	..	..	..	..	..	..	..	..	..	..
	MARKET BOSWORTH:													
†2632	Grammar School	1890	J. Craig	—	..	..	..	..	..	..	..	..	..	..
	MARKET HARBOROUGH:													
2634A	National School, Coventry Street.	1894	W. Atkins	W. W. Grundy	..	16	..	..	..	..	..	..	..	..
2634	Grammar School	1892	W. B. Bragg	F. Hammond, M.A.; A. B. Holmes, B.A.; W. G. Buchanan	6	8	..	..	..	..	8	..	..	8

ENGLAND.

VIB. Theoretical Mechanics, *Fluids*.	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	VIIIA. Sound.	VIIIB. Light.	VIIIC. Heat.	A.VIII. & IX. Alternative Physics.	IX. Magnetism and Electricity.	X. *t*. Inorganic Chemistry (Theory).	X. *p*. Inorganic Chemistry (Practl.)	XI. *t*. Organic Chemistry (Theory).	XI. *p*. Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Human Physiology.	XV. General Biology.	XVI. Zoology.	XVII. Botany.	XVIII. Principles of Mining.	XIX. Metallurgy, Theory.	XIX. *p*. Metallurgy, Pracl.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.	XXV. Hygiene.
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ENGLAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Science.	I. Practical Plane & Solid Geometry.	II. Machine Construction & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, & 3.	4 & 5.	6 & 7.	VIa. Theoretical Mechanics, Solids.
	LEICESTERSHIRE—*cont.*													
	MELTON MOWBRAY:													
2635	Church Free School, King Street.	1891	W. Willcox -	J. J. Hodgson - } H. L. Plant - }	12	10	10	..	..	..	..	..	..	..
2636	Town Hall, King Street	1891	F. J. Geeson -	J. T. Tibbles - } F. D. Goodwin }	..	36	..	8	8	..	..	..	..	..
	MOIRA:													
2637	*Lord Donnington's School.*	*1892*	*S. Holbrooke* -	*J. Ford* - - -	..	*75*	..	..	..	..	..	..	..	..
	MOUNTSORREL:													
2651	St. Peter's School -	1892	Rev. W. J. Lewis.	W. R. Burrows -	20	20	20	..	..	..	..	..	..	..
	QUORN:													
2653	Thomas Rawlin's Endowed School, Village Hall.	1892	P. Wright -	E. W. Hensman - } M. Walton - }	..	11	..	..	..	..	11	..	..	..
	SYSTON:													
2652	Parochial Schools, High Street.	1892	W.P. Meadows	W. R. Burrows -	20	20	•	..	•	..	..	..	..	..
	WHETSTONE:													
2662	National School, Main Street.	1894	J. Buxton -	W. G. Darker -	..	40	..	..	..	..	..	..	..	..
	WIGSTON:													
2664	Long Street Board School, Wigston Magna.	1895	J. T. Proctor -	E. S. Boulter -	..	15	..	..	..	..	..	..	..	..
	WOODHOUSE EAVES:													
2655	National School - -	1892	C. T. Parker -	W. R. Burrows -	10	10	10	..	6	..	..	..	..	..
	LINCOLNSHIRE.													
	ALFORD:													
2708	National School, West Street.	1892	A. Mason -	M. Bice - -	20	..	..	..	..	..	..	..	..	..
	BELTON:													
2709	*Church of England School.*	*1892*	*O. F. Wainwright.*	*H. Chapman* -	*7*	*5*	*5*	..	..	..	..	..	..	..
	BILLINGBOROUGH:													
2784	Board School - -	1894	J. Sharp -	H. Judson - -	12	..	..	..	..	..	..	..	..	..
	BOSTON:													
2773	Guild Hall, South Street.	1892	B. Killingworth.	A. Price - - -	..	48	..	..	..	..	..	..	..	..
2705	Science and Art Class Rooms, Corn Exchange Yard.	1860	W. H. Gane -	V. Howard - } C. T. Howard - }	120	20	6	4	10	..	..	..	..	..
	BOURNE:													
2706	Board School, Star Lane.	1888	Rev. H. M. Mansfield.	J. J. Davies - } E. A. Davies - }	..	20	..	..	..	..	..	..	..	..
2706A	Town Hall, Market Place.	1892	" -	M. Wedd - -	26	..	..	..	..	..	..	..	..	..
	BRACEBRIDGE:													
2768	Board School, High Street.	1892	Rev. G. H. Jones.	W. J. Modern -	20	..	..	..	..	..	..	..	..	..
	BRANT BROUGHTON:													
2791	Wesleyan School -	1895	W. Oxley -	R. E. Wiles - -	..	15	..	..	..	..	..	..	..	..
	BURTON-ON-STATHER:													
2765	National School, Vicarage Grounds.	1892	W. H. Wood -	D. P. Scott - -	..	15	..	..	15	..	..	..	..	..

ENGLAND.

Theoretical Mechanics, *Fluids*. VIb.	Applied Mechanics. VII.	Sound, Light, and Heat. VIII.	Sound. VIIIa.	Light. VIIIb.	Heat. VIIIc.	Alternative Physics. *A* VIII. & IX.	Magnetism and Electricity. IX.	Inorganic Chemistry (Theory). X. *t*.	Inorganic Chemistry (Practl.) X. *p*.	Organic Chemistry (Theory). XI. *t*.	Organic Chemistry (Practical). XI. *p*.	Geology. XII.	Mineralogy. XIII.	Human Physiology. XIV.	General Biology. XV.	Zoology. XVI.	Botany. XVII.	Principles of Mining. XVIII.	Metallurgy, Theory. XIX.	Metallurgy, Pract. XIX. *p*.	Navigation. XX.	Nautical Astronomy. XXI.	Steam. XXII.	Physiography. XXIII.	Principles of Agriculture. XXIV.	Hygiene. XXV.
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ENGLAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Science.	I. Practical Plane & Solid Geometry.	II. Machine Construcⁿ & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	4 & 5.	6 & 7.	VIa. Theoretical Mechanics, *Solids*.
	LINCOLNSHIRE—*cont.*													
	CAYTHORPE:													
2710	Board School	1891	T. White	F. Stokes	*	*	..	..	..	..	..	..	..	..
	COLSTERWORTH:													
2776	*National School*	*1892*	*A. W. Bowder*	*D. Burrell*	..	*12*	..	..	..	..	..	..	..	..
	ORBY:													
2778	*Grammar School*	*1892*	*H. D. Willerton.*	*C. Laycock*	..	*12*	..	..	..	..	..	..	..	..
	CROWLE:													
2715	Board School, Field Side.	1890	J. Ross	J. H. Lee	20	..	..	..	..	..	..	..	..	..
	GAINSBOROUGH:													
2716	Britannia Ironworks School, Trinity Street.	—	F. G. Wileman	H. J. Copley; J. G. Cocling; B. Thompson; J. W. Brocksom; C. W. Hillary	200	120	25	60	30	..	20	..	..	12
	GOSBERTON:													
2790	Public Hall, Spalding Road.	1895	Rev. F. Todd	W. Wedd; M. E. Oliver	20	..	..	..	..	..	..	..	..	..
	GRANTHAM:													
2720	Boys' National School, and Laboratory, Castle Gate.	1868	Rev. H. W. Hall.	R. N. Rooksby; E. Brown; E. Hunt; I. H. Morley; W. Handcock; H. Blaze	40	30	..	..	..	..	..	..	..	..
2720A	St. John's School, Launder Terrace.	1880	"	H. Preston; C. Howard; F. G. Simpson; J. Whincup; W. R. Boot; G. W. Preston, B.A.	50	60	..	35	..	..	6	..	..	6
	GRIMSBY (GREAT):													
2722	Science and Art Class Room, 5, Brewery Street.	1887	A. Bates	S. Dennis	80	10	10	..	..	..	..	..	..	..
2724	*Board School, Holme Hill.*	*1882*	*D. Chandler*	*A. Burnham; E. Smith; J. Searle; C. Horn; J. T. Whitworth*	*60*	*120*	*80*	..	..	..	*15*	..	..	..
2727	Technical School, Convamore Road.	1893	W. A. Lister	M. Menzies; H. Searle; H. E. Bryant, B.A.; I. Taylor; J. Simpson; J. Cresswell; C. H. Bogen	150	150	..	12	20	..	20	..	..	..
	HORNCASTLE:													
2741	Technical School, 34, Queen Street.	1892	S. Maddison	A. Foster; M. E. Edgar	82	32	32	..	..	..	..	..	..	..
2742	Grammar School, The Church Yard.	1892	H. Tweed	Rev. A. G. Madge; L. McKinnon	..	21	18	..	..	..	19	..	..	..

ENGLAND.

VIb. Theoretical Mechanics, *Fluids*.	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	VIIIa. Sound.	VIIIb. Light.	VIIIc. Heat.	*A*.VIII. & IX. Alternative Physics.	IX. Magnetism and Electricity.	X. *t*. Inorganic Chemistry (Theory).	X. *p*. Inorganic Chemistry (Practl.)	XI. *t*. Organic Chemistry (Theory).	XI. *p*. Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Human Physiology.	XV. General Biology.	XVI. Zoology.	XVII. Botany.	XVIII. Principles of Mining.	XIX. Metallurgy, Theory.	XIX. *p*. Metallurgy, Pracl.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.	XXV. Hygiene.
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ENGLAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Science.	I. Practical Plane & Solid Geometry.	II. Machine Construc. & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	4 & 5.	6 & 7.	VIa. Theoretical Mechanics, Solids.
	LINCOLNSHIRE—*cont.*													
	INGOLDSBY:													
2763	*Board School* - -	*1892*	*J. W. Hoyes* -	*E. Sykes* - -	..	*10*	..	..	..	..	..	..	..	..
	KIRTON:													
2730A	*Town End School* -	*1891*	*W. Richards* -	*C. T. Howard* -	*16*	*5*	*3*	..	*2*	..	..	..	..	..
	KIRTON-IN-LINDSEY:													
2786	Boys' Board School -	1894	A. Silverwood	J. Dickenson -	15	..	..	..	..	..	..	..	..	..
	LINCOLN:													
†A2737	School of Science and Art, Monk's Road.	1863	R. C. Hallowes	A. G. Webster - F. C. Benwell - C. L. Rutter - J. H. Belcher, B.A. - - - W. Birkett - - A. E. Collis - - S. B. Oldershaw - C. D. Parker - E. Simpson - - G. Smalley - -	140	300	40	80	30	..	36	..	..	30
2737B	*St. Peter-at-Gowts Infant School, High Street.*	*1892*	" -	*H. E. Reade* - -	..	*24*	..	..	..	..	*10*	..	..	..
†2739	Christ's Hospital Buildings, Christ's Hospital Terrace. Steep Hill.	1881	" -	W. Birkett - - W. T. Walker -	..	55	..	..	..	..	..	..	..	..
2740	Christ's Hospital, Girls' High School, Lindum Road.	1895	A. Body - -	B. A. Ward, B.Sc. E. K. Vulliamy -	..	35	..	..	..	..	*	..	..	..
	LONG SUTTON:													
2743	Exchange Hall, Market Street.	1891	J. J. Carrington.	F. Stratton - -	30	12	12	..	..	..	..	..	..	..
	LOUTH:													
2746	British Schools, Kidgate.	1891	T. F. Allison -	J. Trewick - -	20	15	..	..	..	..	..	..	..	..
2766	Holy Trinity National School, River Head Road.	1892	" -	M. Bice - - -	30	10	10	..	..	..	..	..	..	..
	MANTHORPE:													
2785	Schoolroom - -	1894	Miss H. Garney	R. N. Rooksby -	15	1	1	..	..	..	..	..	..	..
	MARKET RASEN:													
2744	De Aston Grammar School, Witlingham Road.	1889	J. Wilson -	J. L. Baines - J. A. Staley, B.A. F. Wallis - -	20	12	..	..	..	..	..	..	..	..
	MOULTON:													
2762	Grammar School - -	1886	W. Clarke -	A. S. Hatt - -	..	10	..	..	..	..	..	..	..	..
	SCUNTHORPE:													
2752	National School, Station Road.	1892	E. Davison -	H. St. V. Holden J. P. Walton - D. P. Scott - -	14	23	..	10	6	..	10	..	..	..
	SEDGEBROOK:													
2756	Middle Class School -	1885	Rev. T. Ewbank, M.A.	F. Upton, M.A. - R. S. Willows -	21	38	..	..	..	..	36	..	..	10
	SLEAFORD:													
A2749	School of Science and Art, Duke Street.	1879	C. Kirk, jun. -	M. Wedd - - M. E. Oliver - J. Wedd - - G. Warner - -	*	*	*	..	..	..	..	..	..	..
	SPALDING:													
2755	Willesby School, Station Street.	1881	E. W. Bell -	H. J. White - -	20	10	10	..	..	..	..	..	..	..
2757	Central Board School, Westlode Street.	1894	J. Wilson -	E. T. Waring - L. E. Waring - E. H. Andrew -	80	80	..	..	..	..	10	..	..	..

ENGLAND.

VIB. Theoretical Mechanics, *Fluids*.	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	VIIIA. Sound.	VIIIB. Light.	VIIIC. Heat.	A.VIII. & IX. Alternative Physics.	IX. Magnetism and Electricity.	X. *t*. Inorganic Chemistry (Theory).	X. *p*. Inorganic Chemistry (Practl.)	XI. *t*. Organic Chemistry (Theory).	XI. *p*. Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Human Physiology.	XV. General Biology.	XVI. Zoology.	XVII. Botany.	XVIII. Principles of Mining.	XIX. Metallurgy, Theory.	XIX. *p*. Metallurgy, Pracl.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.	XXV. Hygiene.
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ENGLAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Science.	I. Practical Plane & Solid Geometry.	II. Machine Construcⁿ & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	4 & 5.	6 & 7.	VIA. Theoretical Mechanics, Solids.
	LINCOLNSHIRE—*cont.*													
	STAMFORD:													
2751	Technical Instruction School, Broad Street.	—	M. S. Young -	V. Howard - - C. T. Howard - W. F Markwick	..	24	..	..	..	..	..	..	..	..
2751A	*Boys' Elementary Sch. Recreation Road.*	*1892*	" -	*W. F. Markwick* -	..	*20*	..	..	..	..	..	..	..	..
	SUTTERTON:													
2730B	*National School* -	*1892*	*W. Richards* -	*C. T. Howard* -	*20*	*8*	*8*	..	..	..	..	..	..	..
	TETNEY:													
2792	Board School - -	1895	R. Stark - -	A. E. Rainford -	..	10	..	..	..	..	..	..	..	..
	WALCOTT:													
2789	Board School - -	1895	F. Reynolds -	H. B. Hooper -	10	..	..	..	..	..	..	..	..	..
	WINTERTON:													
2771	National School, West Street.	1892	A. Spencer -	D. P. Scott - -	..	12	..	..	12	..	..	..	..	..
2771A	*Wesleyan School, Chapel Lane.*	*1893*	" -	*J. Browton* - -	*20*	..	..	..	..	..	..	..	..	..
	LONDON.													
	ALDERSGATE STREET:													
2803	Ward Schools - -	1889	F. J. Welch -	J. H. Baldwin - J. T. Brown - J. J. Pilley - - W. H. Baldwin -	80	200	30	..	..	..	..	..	..	..
2804	*Telegraphists' School, General Post Office, St. Martin's-le-Grand.*	*1876*	*H. Mayfield* -	*A. Brooker* - - *G. F. Mansbridge* *H. A. Miles* - *W. Slingo* - -	..	*200*	..	*10*	..	..	*110*	..	..	..
2805	Young Men's Christian Association, 186, Aldersgate Street.	1881	R. Burn - -	G. E. Fuller - F. W. Ballam - J. R. May - - E. A. Thomson -	..	80	..	..	12	..	40	..	..	..
	BALHAM:													
4565	Balham School, 222, High Road.	1879	R. E. Bell -	F. J. Kill - - H. S. Kitto - - D. H. Evans - W. D. Standfast A. J. Bryant -	60	60	15	..	..	..	25	..	..	..
7204	Board School, Oldridge Road.	1891	The Secretaries.	A. A. Curtis -	20	..	..	..	..	..	..	..	..	..
	BATTERSEA:													
†A4405	School of Science and Art, Polytechnic Institute, Battersea Park Road.	1893	S. H. Wells -	S. G. Ingles - S. Grant - - S. H. Wells - - C. E. Larard - W. F. Nixon - J. A. Hookham - A. Buchanan - F. R. Taylor - A. E. Briscoe, B.Sc. - - M. T. Ormsby - S. G. Starling - S. H. Davies, B.Sc. J. Wilson, B.Sc. - A. Mitchell, B.Sc. C. M. W. Ross - J. Harrison - W. G. Thomas - J. H. Collingwood I. E. Taylerson - F. H. Healey -	300	700	•	•	•	..	•	•	•	•

ENGLAND.

Theoretical Mechanics, *Fluids*. VIB.	Applied Mechanics. VII.	Sound, Light, and Heat. VIII.	Sound. VIIIA.	Light. VIIIB.	Heat. VIIIC.	Alternative Physics. A.VIII. & IX.	Magnetism and Electricity. IX.	Inorganic Chemistry (Theory). X. *t.*	Inorganic Chemistry (Practl.). X. *p.*	Organic Chemistry (Theory). XI. *t.*	Organic Chemistry (Practical). XI. *p.*	Geology. XII.	Mineralogy. XIII.	Human Physiology. XIV.	General Biology. XV.	Zoology. XVI.	Botany. XVII.	Principles of Mining. XVIII.	Metallurgy, Theory. XIX.	Metallurgy, Pract. XIX. *p.*	Navigation. XX.	Nautical Astronomy. XXI.	Steam. XXII.	Physiography. XXIII.	Principles of Agriculture. XXIV.	Hygiene. XXV.
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ENGLAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Science.	I. Practical Plane & Solid Geometry.	II. Machine Construcn & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	4 & 5.	6 & 7.	VIA. Theoretical Mechanics, *Solids.*
	LONDON—*cont.*													
	BATTERSEA—*cont.*													
4413	Sir Walter St. John's Middle Class School, High Street.	1876	H. E. Griffiths	F. C. Luckhurst - E. L. James - H. A. Lester, B.A. W. Taylor -	140	100	..	..	..	..	60	..	..	..
4416	Convent of Notre Dame, 8, Battersea Park Road.	1894	Rev. A. E. Whereat, D.D.	L. Honohan -	..	18	..	..	..	..	..	..	..	..
4450	Christ Church Schools, Este Road.	1890	C. Rumble -	T. Ansell - F. Champ - H. Lamont - J. E. Norris -	150	150	..	..	..	..	20	..	..	..
4590	Methodist Chapel School, Landseer St., Battersea Park Road.	1891	T. O. Shulter, jun.	W. Busbridge -	..	35	*	*	*	..	..	..	..	..
7203N	Board School, Surrey Lane.	1890	The Secretaries.	A. Holt - J. Burgess - A. Cabildu - E. Ashcroft -	..	120	..	..	..	..	..	..	..	..
7203T	Board School, Lavender Hill.	1880	"	H. H. Ixer - W. J. Lackham -	30	..	..	..	..	..	..	..	..	..
7206X	Board School, St. Andrew's Street.	1894	The Secretaries.	A. G. Maddox - A. O. Barker -	..	50	..	20	..	..	..	..	..	..
	BATTERSEA RISE:													
4418	Royal Masonic Institute for Girls, St. John's Hill.	1880	R. W. Hedges	A. Taylor - A. Macken, B.A.	90	35	..	..	..	..	35	..	..	..
	BAYSWATER:													
A 2806	Hyde Park and Bayswater School of Science and Art, 143, Queen's Road.	1884	H. W. Crawford.	W. S. Duncan - E. M. Duncan - C. S. Hughes - D. Bryant - T. Kerr -	140	*	30	6	40	..	..	..	..	..
	BERMONDSEY:													
4412	Boutcher School, Grange Road.	1886	Rev. J. Ainsworth.	W. J. May -	40	..	..	..	..	..	..	..	..	..
4532A	Herold's Institute, Drummond Road.	1878	C. T. Millis -	R. H. Adams - E. H. E. Bulwer H. Kent -	15	45	20	20	20	..	..	..	..	..
7202H	Pupil-Teachers' School, Southwark Park Rd.	1882	The Secretaries.	C. E. Belsten - G. A. Christian, B.A. - A. H. Baker, B.A. J. Faulkner -	150	130	16	..	..	..	10	..	..	10
7203G	Board School, Monnow Road.	1890	" -	R. J. Wood, B.A. E. S. Burkett, B.A. -	..	24	24	..	..	..	24	..	..	..
‖ 7204X	Board School, Keeton's Road.	1891	" -	W. H. Tulk - D. Capamagian -	..	50	..	..	..	..	..	..	..	..
	BETHNAL GREEN:													
†2844	*Parmiter's Foundation School Approach Road.*	*1887*	*R. Voss* -	*F. F. Lyon* - *W. A. Beanland, B.A.* - *J. Montgomery, B.A.* - *H. Picton, B.Sc.* *R. P. Scott, M.A., LL.D.* - *F. Gorse, M.A.* -	*160*	*120*	*110*	..	..	..	*110*	..	..	..

ENGLAND.

VIB. Theoretical Mechanics, *Fluids.*	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	VIIIA. Sound.	VIIIB. Light.	VIIIC. Heat.	A.VIII. & IX. Alternative Physics.	IX. Magnetism and Electricity.	X. *t.* Inorganic Chemistry (Theory).	X. *p.* Inorganic Chemistry (Practl.)	XI. *t.* Organic Chemistry (Theory).	XI. *p.* Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Human Physiology.	XV. General Biology.	XVI. Zoology.	XVII. Botany.	XVIII. Principles of Mining.	XIX. Metallurgy, Theory.	XIX. *p.* Metallurgy, Pract.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.	XXV. Hygiene.
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ENGLAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Science.	I. Practical Plane & Solid Geometry.	II. Machine Construcⁿ & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	4 & 5.	6 & 7.	VIa. Theoretical Mechanics, *Solids*.
	LONDON—*cont.*													
7204c	BETHNAL GREEN—*cont.* Board School, Teesdale Street.	1891	The Secretaries.	A. F. Clements	20	..	..	..	..	..	..	..	..	..
†2827	BISHOPSGATE: *Central Foundation School (Girls'), Spital Green.*	*1890*	*W. Houston, B.A.*	*R. H. Adams* *E. Green* *H. Smallman*	*80*	[illegible]	..	..	..	..	..	..	..	..
A1947	BLACKHEATH: Lee and Lewisham School of Science and Art, 27, Bennett Park.	1880	H. F. Previte	J. H. Hale A. Waite W. Armonier C. I. Miles C. R. Burnett	260	10	10	..	..	..	..	..	..	..
1949	Alexandra Hall	1880	H. Barker	J. B. Jameson E. Carter J. A. Brown	80	15	7	..	8	..	..	..	..	..
A2831	BLOOMSBURY: The Royal Female School of Science and Art, 43, Queen Square.	1842	Rev. Preb. R. Whittington.	H. Wilson R. E. Welby F. Reason H. E. Dunnell K. M. Wyatt H. Hoyland E. C. H. Galer	22	..	..	..	..	..	..	..	..	..
2832	Working Men's College, 46, Great Ormond Street.	1875	H. R. Jennings	B. J. Rose T. H. Hill J. Jacob, B.A. H. Newey A. Sarll A. G. Shurlock	20	100	20	18	12	..	..	..	..	20
4532	BOROUGH ROAD: Polytechnic Institute, 103, Borough Road, S.E.	1892	C. T. Millis	R. H. Adams C. T. Millis W. J. Tomes S. P. Hopkins A. H. Bowman H. Kent F. Cornwall F. W. Ballam B. B. Turner, B.Sc.	60	260	75	75	80	..	20	..	..	..
2841	BOW: Bow and Bromley Institute, Bow Road.	1871	J. M. Knight	W. Craister H. Angel J. G. Oatley T. W. Phillips J. Goodfellow W. H. Pullinger C. H. Clarke	50	480	70	60	80	..	60	..	..	..
2842	St. Paul's National School, Burdett Road.	1887	Rev. R. T. Plummer.	W. G. Clutterbuck A. G. Maddox	50	35	..	..	..	..	..	..	..	..
4425	BRIXTON: St. John's Schools, Canterbury Road.	1882	C. A. Stein	R. W. Wilkinson G. Jameson H. A. Ticehurst R. M. Head B. H. Madden G. Mason A. D. Cookman W. R. Morris S. Thomson	50	120	15	..	10	..	18	10	..	8

ENGLAND.

VIB. Theoretical Mechanics, *Fluids.*	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	VIIIA. Sound.	VIIIB. Light.	VIIIC. Heat.	A.VIII. & IX. Alternative Physics.	IX. Magnetism and Electricity.	X. *t.* Inorganic Chemistry (Theory).	X. *p.* Inorganic Chemistry (Practl.)	XI. *t.* Organic Chemistry (Theory).	XI. *p.* Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Human Physiology.	XV. General Biology.	XVI. Zoology.	XVII. Botany.	XVIII. Principles of Mining.	XIX. Metallurgy, Theory.	XIX. *p.* Metallurgy, Pracl.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.	XXV. Hygiene.
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ENGLAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Science.	I. Practical Plane & Solid Geometry.	II. Machine Construc^n & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	4 & 5.	6 & 7.	VIA. Theoretical Mechanics. *Solids.*
	LONDON—*cont.*													
	BRIXTON—*cont.*													
7202W	Board School, Effra Parade.	1890	The Secretaries.	G. E. Andrews - ; J. W. Holmes -	18	..	..	..	..	..	..	..	..	..
7206U	Board School, Sussex Road.	1894	" -	G. H. Bedloe - ; J. J. Eckersley - ; F. Corben - -	50	30	..	..	20	..	..	..	..	..
	BROCKLEY:													
7202S	Board School, Mantle Road.	1890	" -	J. W. Sainsbury - ; F. Earnshaw - ; T. T. Burkett - ; R. B. R. Rae - ; A. M. Collins - ; C. Agutter - -	..	130	50	..	..	..	..	..	..	..
	BROMLEY:													
7204O	Board School, Byron Street.	1891	" -	I. Sutton - - ; G. J. Dunkley -	..	60	..	..	..	..	60	..	..	..
	BROMPTON:													
2853	Brompton Higher Grade School, Montpelier Street.	1895	Rev. C. J. R. Young.	Rev. H. B. Jones, M.A. - - - ; — Woodward -	..	48	..	..	..	..	•	..	..	..
	CAMBERWELL:													
4430	Wilson's Grammar School, Peckham Road.	1888	J. Laidler -	W. J. Symes - ; M. Hughes, M.A. ; A. Field, B.A. - ; G. U. Love, B.A. ; G. Goodwill - ; T. P. Nunn, B.Sc. ; Rev. F. McDowell, M.A. - - - ; H. E. Wiggett, B.A. - - - ; T. L. Hinchco, B.A. - - -	100	130	10	..	..	..	100	..	..	60
4477	Greencoat and National Schools, Camberwell Green.	1889	D. C. Simpson	E. B. Ridge - ; C. R. Willett - ; A. C. Rogers - ; W. Brenchley - ; A. A. Ellis - - ; P. McIntyre - ; A. J. Maslen - ; G. P. Mudge - ; W. J. Woodley - ; W. H. Betambeau - - -	60	130	50	20	50	..	..	..	..	10
4486	North Camberwell Hall, 61, New Church Road.	1889	A. Thomas -	W. A. Clark - -	..	25	..	..	..	..	..	..	..	..
7207A	Higher Grade Board School, Crawford Street.	1895	The Secretaries.	C. E. Pannel - ; A. F. G. Lloyd -	..	70	..	..	..	..	..	..	..	..
	CAMBRIDGE HEATH:													
7206E	Board School, Mowlem Street.	1893	" -	A. F. Clements -	..	20	..	..	..	..	..	..	..	..
	CAMDEN TOWN:													
2856	Art Studios, 92, Lady Margaret Road.	1888	W. E. Collier -	J. Chance - -	30	6	6	..	..	..	..	..	..	..
	CATFORD:													
7206S	Board School, Plassy Road.	1894	The Secretaries.	M. A. Anderson -	28	..	..	..	..	..	..	..	..	..

ENGLAND.

Theoretical Mechanics, *Fluids*. VIB.	Applied Mechanics. VII.	Sound, Light, and Heat. VIII.	Sound. VIIIA.	Light. VIIIB.	Heat. VIIIC.	Alternative Physics. A.VIII. & IX.	Magnetism and Electricity. IX.	Inorganic Chemistry (Theory). X. t.	Inorganic Chemistry (Practl.) X. p.	Organic Chemistry (Theory). XI. t.	Organic Chemistry (Practical). XI. p.	Geology. XII.	Mineralogy. XIII.	Human Physiology. XIV.	General Biology. XV.	Zoology. XVI.	Botany. XVII.	Principles of Mining. XVIII.	Metallurgy, Theory. XIX.	Metallurgy, Pracl. XIX. p.	Navigation. XX.	Nautical Astronomy. XXI.	Steam. XXII.	Physiography. XXIII.	Principles of Agriculture. XXIV.	Hygiene. XXV.
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ENGLAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Science.	I. Practical Plane & Solid Geometry.	II. Machine Construc. & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1,2,3.	4 & 5.	6 & 7.	VIA. Theoretical Mechanics, *Solids.*
	LONDON—*cont.*													
A2861	CHANCERY LANE: School of Science and Art, Birkbeck Literary Institute, Bream's Buildings.	1866	W. H. Congreve	A. W. Mason A. N. Chettoe H. C. Pocock A. J. Cowling L. E. Wright A. M. Wright A. Clark O. Burnett L. Manning H. Angel A. L. Ormsby W. H. Martin J. Ogilvie J. E. Needham F. E. Boughton G. F. Harris J. E. Squire, M.D. A. B. Rendle, B.Sc. H. W. Unthank, B.Sc. J. S. Collier, B.Sc. F. Gossling, B.Sc. J. Woodward, B.A., B.Sc. F. J. Cheshire, B.Sc. R. S. Clay, B.A., B.Sc. W. G. Walker	400	1000	100	50	100	..	250	30	20	50
3201A	CHARING CROSS ROAD: *St. Martin's Middle School for Girls.*	*1892*	*C. J. Lambe Eames.*	*M. M. K. Withers* *A. E. Billing, LL.A.* *E. Davis, LL.A.* *E. F. C. Hartmann*	*85*	*22*	..	..	..	..	*22*	..	..	..
7202T	CHARLTON: Board School, Lombard Wall.	1890	The Secretaries	E. Smith W. A. Prior	30	30	30	..	..	..	..	..	..	..
†2865	CHELSEA: *St. Mark's College, Upper School, Fulham Road.*	*1871*	*J. Appleton*	*S. Blows, M.A.* *H. W. Boddy* *F. Jackson* *F. W. Elam*	*60*	*160*	*160*	..	..	..	*160*	..	..	*40*
2867	Whitelands College School, Walpole Street, King's Road.	1874	G. Roberts	O. R. Albrow E. F. S. Gregory E. Hebblethwaite	50	90	..	..	..	..	50	..	..	..
2868	Whitelands Practising School, Walpole Street.	1891	Miss A. S. Denning.	F. M. Smith A. E. Robey	45	40	..	..	..	..	40	..	..	..
†A3215	South-west London Polytechnic Institute, Manresa Road.	1895	H. B. Harper	C. L. Burns T. S. Smith L. C. Radcliffe H. Tomlinson, B.A. J. B. Coleman P. Kay, Ph.D. W. W. F. Pullen F. H. P. Coste, B.Sc. E. Edser A. Schwartz H. A. Clark T. Evans	•	•	•	•	•	..	•	•	..	•

ENGLAND.

VIB. Theoretical Mechanics, *Fluids*.	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	VIIIA. Sound.	VIIIB. Light.	VIIIC. Heat.	*A.* VIII. & IX. Alternative Physics.	IX. Magnetism and Electricity.	X. *t.* Inorganic Chemistry (Theory.)	X. *p.* Inorganic Chemistry (Practl.)	XI. *t.* Organic Chemistry (Theory).	XI. *p.* Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Human Physiology.	XV. General Biology.	XVI. Zoology.	XVII. Botany.	XVIII. Principles of Mining.	XIX. Metallurgy, Theory.	XIX. *p.* Metallurgy, Pracl.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.	XXV. Hygiene.
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ENGLAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Science.	I. Practical Plane & Solid Geometry.	II. Machine Construcⁿ & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	4 & 5.	6 & 7.	VIA. Theoretical Mechanics, *Solids.*
	LONDON—*cont.*													
	CHELSEA—*cont.*													
7202U	Board School, Cook's Ground.	1890	The Secretaries	E. Wootton - -	..	16	..	..	16	..	..	..	..	..
	CITY ROAD:													
†2828	Central Foundation School (Boys'), Cowper Street.	1892	W. Houston -	R. J. Jennings - G. Blakemore -	400	..	..	..	..	..	..	..	..	..
	CLAPHAM:													
[illegible]	*Lambeth Polytechnic, Ferndale Road.*	*1888*	*W. E. Lilley* -	*E. Crosland* - -	..	*24*	..	..	..	..	..	..	..	..
A[illegible]	*School of Science and Art, Vernon Road, High Street.*	*1885*	*E. Janan* -	*L. C. Nightingale* - - *A. McLoy* - - *H. Gandy* - - *A. Bell* - - *A. Henniker* - *R. Bonnor.* - -	*240*	*30*	*30*	..	..	..	..	..	..	..
7205X	Board School, Haselrigge Road.	1892	The Secretaries	W. J. Luckham -	40	..	..	..	..	..	..	..	..	..
	CLAPTON:													
7207C	Millfields Board School	1895	" -	J. S. Bridges - J. Ridge - - J. Davis - - J. Chatworthy - C. W. Tyrrel - A. Donald - -	80	80	..	..	..	..	40	..	..	..
	CLAPTON (UPPER):													
A2884	Clapton and Stamford Hill, School of Science and Art, 81, Clapton Common.	1885	Miss A. J. Hughes.	F. E. Giles - L. Wright - - M. P. Kemp - B. A. Waldram -	100	20	20	..	..	..	..	..	..	.
	CLERKENWELL:													
7206F	Hugh Myddleton Board School, St. James' Walk.	1893	The Secretaries	W. O. Shelton - W. Hilliar - -	60	..	..	..	..	..	..	..	..	..
	COMMERCIAL ROAD, E.:													
2886	Raine's Foundation Boys' School, Cannon Street Road.	1887	H. Thompson	R. S. Taylor - W. G. Martin - A. G. Hubbard - F. Balms - -	30	30	..	..	..	..	30	..	..	..
	CUBITT TOWN:													
7204A	Board School, Glengall Road.	1891	The Secretaries	E. A. Baxter - R. M. Soul - - I. Knighton - J. E. Hatton -	..	120	..	..	..	..	..	..	..	..
	DEPTFORD:													
1832	Pupil Teachers' Board School, Clyde Street.	—	J. J. Pakes -	W. B. Robins - F. W. Ballam - G. E. Fuller - W. Bushbridge -	70	50	12	12	12	..	..	..	..	..
†1833	*Addey's Science, Art, and Technical School, Church Street.*	—	*W. R. Kersey*	*W. H. Lord* - *W. Ping* - - *W. E. Harrison* *F. M. Dendy* - *E. Marsland, I.L.A.* - - *E. A. Baxter* - *J. Weller* - -	*220*	*310*	*115*	*45*	*15*	..	*130*	*22*	..	..
1834	Central Classes for Pupil Teachers, St. John's School, St. John's Road.	1890	Rev. A. G. Gibson.	A. S. Rudman - E. Coleman - G. Jameson - -	80	50	..	..	..	..	..	..	..	..

ENGLAND.

	VIb. Theoretical Mechanics, *Fluids*.	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	VIIIa. Sound.	VIIIb. Light.	VIIIc. Heat.	*A.*VIII. & IX. Alternative Physics.	IX. Magnetism and Electricity.	X. *t.* Inorganic Chemistry (Theory).	X. *p.* Inorganic Chemistry (Practl.)	XI. *t.* Organic Chemistry (Theory).	XI. *p.* Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Human Physiology.	XV. General Biology.	XVI. Zoology.	XVII. Botany.	XVIII. Principles of Mining.	XIX. Metallurgy, Theory.	XIX. *p.* Metallurgy, Pracl.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.	XXV. Hygiene.
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ENGLAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Science.	I. Practical Plane & Solid Geometry.	II. Machine Construction & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	4 & 5.	6 & 7.	VIA. Theoretical Mechanics, *Solids.*
	LONDON—*cont.*													
	DEPTFORD—*cont.*													
7202	Deptford Pupil-Teachers' School, Clyde Street.	1882	The Secretaries	E Smith; J. J. Binns; J. W. Wren; A. T. Purver; S. Hickling; F. W. Wren; G. R. Barnard; F. S. Pierpont, B.A.	200	156	100	..	..	..	36	..	..	10
7205C	Board School, Stanley Street.	1891	"	R. Greenwood; J. J. Binns	..	10	..	..	..	..	10	..	..	..
7206D	*Boys' Board School, Clyde Street.*	*1892*	"	*C. W. Lloyd; H. O. Lepper*	*30*	*60*	*30*	..	..	..	*60*	..	..	..
	DULWICH:													
†4550	*Alleyn's School*	*1883*	*J. Watchurst*	*L. C. Nightingale; J. J. Pilley; S. J. Brading, B.A.; J. H. Marsland; W. R. E. Major, B.A., B.Sc.; W. Raybould; F. C. Weedon; W. E. Catlow*	*60*	*120*	*60*	..	..	..	*100*	..	..	*50*
7206P	Hamlet Board School, Turney Road.	1894	The Secretaries	F. Corben; R. Toms	..	36	..	18	18	..	..	..	..	..
	DULWICH (EAST):													
7206K	Board School, Goodrich Road.	1894	"	J. J. Binns	30	..	..	..	..	..	..	..	..	..
7206Q	Board School, Adys Road.	1894	"	G. G. Lewis	..	70	..	..	..	..	..	..	..	..
7203C	Board School, Heber Road.	1890	"	W. Pearson; C. W. Neale	25	26	..	..	20	..	..	..	..	..
	FULHAM:													
7205G	Board School, Sherbrooke Road.	1891	"	T. Cannon; A. E. Clarke; E. Jones; A. Probert; E. Pattrick; F. I. Cox	108	108	..	..	..	..	77	..	..	..
	GOSWELL ROAD:													
†A2003	St. Thomas Charterhouse, School of Science and Art.	1853	M. Chapman	B. C. Hastwell; W. Morton; J. T. Chell; T. Reindorp; C. W. Derrick; A. Speaight; J. J. Filley; A. Savage; J. Jacob; C. A. Stevens; C. Smith; J. Wallis; J. H. S. Harrison; E. Ridge; F. Linnell; S. J. Brading, B.A.; W. N. Edwards; T. W. Pilley; M. Jarvis, B.Sc.	280	560	60	..	..	..	110	..	..	60

ENGLAND.

VIB. Theoretical Mechanics *Fluids*.	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	VIIIA. Sound.	VIIIB. Light.	VIIIC. Heat.	A.VIII & IX. Alternative Physics.	IX. Magnetism and Electricity.	X. *t*. Inorganic Chemistry (Theory).	X. *p*. Inorganic Chemistry (Practl.)	XI. *t*. Organic Chemistry (Theory).	XI. *p*. Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Human Physiology.	XV. General Biology.	XVI. Zoology.	XVII. Botany.	XVIII. Principles of Mining.	XIX. Metallurgy, Theory.	XIX. *p*. Metallurgy, Pract.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.	XXV. Hygiene.
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ENGLAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Science.	I. Practical Plane & Solid Geometry.	II. Machine Construcⁿ & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	4 & 5.	6 & 7.	VIa. Theoretical Mechanics, *Solids*.
	LONDON—*cont.*													
	GRAY'S INN ROAD:													
3090	St. Patrick's Middle School, 39, Regent Square.	1885	S. F. Connolly	J. J. Staunton - J. McHugh - W. Sullivan - J. Burns -	14	20	..	..	..	..	16	..	..	..
3171	Home and Colonial Training College, Pupil Teachers' Centre.	1895	J. B. Armstrong.	F. E. Collins - G. Sanders - S. A. Sewell - M. Drury -	50	28	24	..	..	..	..	..	..	..
7203H	*Board School, Manchester Street.*	*1890*	*The Secretaries*	*C. Tantram* -	*15*	..	..	..	..	..	..	..	..	..
	GREENWICH:													
7202L	Board School, Blackheath Road.	1890	" -	J. Allen - G. R. Barker - G. R. Wagstaffe - H. J. Potter - G. G. Landragin F. G. Wheeler - F. Corben - A. E. Wilkinson - J. H. Perry -	70	110	30	60	30	..	90	..	..	..
7205K	Board School, Randall Place.	1891	" -	A. E. Wilkinson -	..	20	..	20	..	..	..	..	..	..
7205L	Board School, Clifton Road.	1891	" -	A. G. Manser -	20	..	..	..	..	..	..	..	..	..
7205Y	*Board School, Calvert Road.*	*1892*	" -	*W. G. P. Smith* -	..	*18*	..	..	..	..	*18*	..	..	..
	HACKNEY:													
2908	North-East London Institute, Dalston Lane, Pembury Road.	1887	T. H. Warner	W. H. Baldwin - J. H. S. Harrison J. J. Pilley - S. T. Brading, B.A. -	*	*	*	..	..	..	*	..	..	*
3198	Lady Holle's Middle School, 182, Mare Street.	1880	W. T. Rainer	A. H. Swinstead B. A. Miller - A. B. Clarke - C. E. Borchardt -	60	33	..	..	..	..	33	..	..	..
7204M	Board School, Wilton Road.	1891	The Secretaries	C. W. Tyrrell - E. A. Cousins - W. W. Gee - J. H. Swift - J. R. Schumacher J. C. Dyke -	30	64	..	..	..	..	24	..	..	..
	HAMMERSMITH:													
2914	Broadway Lecture Hall	1871	A. J. Barclay -	E. Burgess - H. J. Whitman - E. C. Barker -	20	24	15	12	16	..	..	..	..	..
2919	*Board School, William Street.*	*1891*	*A. Crossley* -	*W. Jacobs* -	..	*40*	..	..	..	..	..	..	..	..
A2956	School of Science and Art, Dunsany Road.	1884	E. C. Rawlings	F. Hawkes - J. F. Swingler - J. Watkins - H. W. Fry - C. A. Eva - S. F. Martin - W. M. Barnes - E. Easor -	100	25	20	..	10	..	..	..	..	..
7202D	Chelsea Pupil Teachers' School, William Street.	1882	The Secretaries	A. A. Sothern - W. Whiteley, M.A. - H. E. Wright - L. Walsh - W. Jacobs - G. W. Davey - P. B. Ballard - M. Phelps - A. H. Valentine -	200	155	*	..	..	..	*	..	..	*

ENGLAND.

VIb. Theoretical Mechanics. *Fluids.*	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	VIIIa. Sound.	VIIIb. Light.	VIIIc. Heat.	*A.* VIII. & IX. Alternative Physics.	IX. Magnetism and Electricity.	X. *t.* Inorganic Chemistry (Theory).	X. *p.* Inorganic Chemistry (Practl.)	XI. *t.* Organic Chemistry (Theory).	XI. *p.* Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Human Physiology.	XV. General Biology.	XVI. Zoology.	XVII. Botany.	XVIII. Principles of Mining.	XIX. Metallurgy, Theory.	XIX. *p.* Metallurgy, Pract.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.	XXV. Hygiene.
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ENGLAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students: Art.	Science.	I. Practical Plane & Solid Geometry.	II. Machine Construction & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 3.	5.	7.	VIA. Theoretical Mechanics, Solids.
	LONDON—*cont.*													
	HAMMERSMITH—*cont.*													
7202Y	Board School, Flora Gardens.	1890	The Secretaries	A. O. Barker - H. J. Whitman -	..	40	..	20	20	..	..	..	..	..
7205I	Higher Standard Board School, William St.	1891	" -	T. Cannon - A. J. Norman - E. Beavan - J. Steger - J. E. Hoyle -	60	60	..	..	..	..	..	..	..	..
	HAMPSTEAD:													
2989A	Victoria School for Girls, 7, Savernake Road.	1894	Miss M. J. Wilkin.	M. F. Chomel -	12	..	..	..	..	..	..	..	..	..
7207E	Board School, Fleet Road.	1891	The Secretaries	J. B. Miles -	..	24	..	..	..	..	..	..	..	..
	HARROW ROAD (W.):													
7202Z	Board School, Kenmont Gardens, Coll. Park Estate.	1890	" -	W. Blakeway - J. R. Bedford -	..	40	..	20	20	..	..	..	..	..
7206G	Board School, Droop Street.	1893	" -	J. R. Bedford -	..	30	..	30	..	..	..	..	..	..
	HATCHAM:													
7203P	Board School, Monson Road.	1890	" -	A. Funge - A. Fyson -	..	59	..	..	..	..	..	..	..	..
	HAVERSTOCK HILL:													
2927	Orphan Working School, Maitland Park.	1869	F. J. Frankau	W. Smith - J. B. Miles -	..	40	..	..	..	..	40	..	..	..
2928	William Ellis' School for Boys, Gospel Oak.	1890	H. Ellis -	J. A. Owens - C. A. Eva - E. B. Cumberland, B.A., B.Sc. C. Webb - A. E. Salter - R. S. D. Erisleigh G. McCorquodale	50	40	10	..	5	..	5	..	..	5
7204E	Board School, Truro Street.	1891	The Secretaries	E. R. Cope - M. G. Nelson -	50	30	..	..	..	..	..	..	..	..
	HIGHBURY:													
968	Highbury Institute, Compton Avenue, Canonbury Road.	1878	T. Crawford -	S. W. Hunter - C. Polley - E. Breese - H. Angel - J. Burdon - F. J. Butt - A. G. Maddox - H. J. Mim?son - H. S. Morley - J. G. Outley - C. W. White - T. Emanuel - L. Hunter -	120	160	75	23	55	..	20	..	..	..
	HOLLOWAY:													
A3178	Camden School of Science and Art, 4, Dalmeny Avenue, Camden Road.	1881	A. J. Johnson	F. Black - J. Huskinson - J. Proctor - A. Foster - A. A. Dixon - E. Piper - T. Bisgrove - H. E. Crocket - D. G. Crocket - A. S. Rudman - G. H. Ford - J. Ness -	300	50	50	..	..	..	..	..	..	..

ENGLAND.

VIb. Theoretical Mechanics, *Fluids*.	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	VIIIa. Sound.	VIIIb. Light.	VIIIc. Heat.	A VIII. & IX. Alternative Physics.	IX. Magnetism and Electricity.	X. *t*. Inorganic Chemistry (Theory).	X. *p*. Inorganic Chemistry (Practl.)	XI. *t*. Organic Chemistry (Theory).	XI. *p*. Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Human Physiology.	XV. General Biology.	XVI. Zoology.	XVII. Botany.	XVIII. Principles of Mining.	XIX. Metallurgy, Theory.	XIX. *p*. Metallurgy, Pract.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.	XXV. Hygiene.
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ENGLAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Science.	I. Practical Plane & Solid Geometry.	II. Machine Construcn & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	4 & 5.	6 & 7.	VIA. Theoretical Mechanics, Solids.
	LONDON—*cont.*													
	HOLLOWAY—*cont.*													
7204W	Board School, Grafton Road.	1891	The Secretaries	A. G. Taylor; A. L. Baker	..	30	..	..	..	..	..	..	..	..
	HOMERTON:													
7203E	*Board School, Rushmore Road.*	*1890*	"	*J. S. Bridges; W. Noble; J. Ridge; H. Newton*	*60*	*30*	..	..	..	..	*30*	..	..	..
	HORNSEY RISE:													
7205Z	Board School, Duncombe Road.	1892	"	T. H. Jones; G. Matthews	..	30	..	..	..	..	..	..	..	..
	HOXTON:													
2951	*Wesleyan School, Mintern Street.*	*1869*	*W. H. Jeffries*	*J. H. Devonshire*	..	*30*	..	..	..	..	..	..	..	..
7205	Board School, Napier Street.	1891	The Secretaries	H. J. Thrower; H. Richards	..	12	..	..	..	..	..	..	..	..
7205A	*Board School, St. John's Road.*	*1891*	"	*N. Cole; J. Keily*	..	*	..	..	..	..	*40*	..	..	..
	ISLINGTON:													
2966	*Board School, Queen's Head Street.*	*1889*	*L. H. Roberts*	*E. B. Ridge*	*1*	*8*	*8*	..	..	..	..	..	..	..
2971	Dame Alice Owen's School (Boys' Department), Owen Street.	1884	W. C. Higgins	N. S. Lydon; E. T. Marsh, M.A.; J. Easterbrook, M.A.; C. H. Peters, B.A.; J. R. W. Thomas, M.A.; A. W. Vautier; F. W. Cox	331	331	*	..	..	..	*	*	*	*
2971A	*Dame Alice Owen's School (Girls' Department), Owen's Row.*	*1886*	"	*E. Armstrong; E. Skipton, B.A.; M. Husband, B.A.; E. Tritton; E. Goodchild; E. B. Baker*	*200*	*150*	..	..	..	..	*69*	..	..	..
	KENNINGTON:													
4431	St. John's Middle Class School, Elliott Road, Vassall Road.	1873	W. Howard	J. Carroll; G. Hays; H. Corner	50	60	..	..	..	..	60	..	..	12
A *4460A*	*Kennington Park Road (Branch of School of Art, 4460).*	*1880*	*Rev. G. H. W. Broomfield.*	*J. H. Smith; M. Bullerton; L. Parker; T. McKeggie*	*60*	..	..	..	..	..	..	..	..	..
	KENSAL GREEN:													
7204F	Board School, Kilburn Lane.	1891	The Secretaries	E. J. Sainsbury; A. Jellis; C. F. Leaver; M. L. Stephens; G. Halliday	..	120	..	..	20	..	40	..	..	..
	KENTISH TOWN:													
7202B	Marylebone Pupil Teachers' School, Burghley Road.	1882	"	W. E. Sparkes; S. W. Hunter; P. G. Asbury; C. H. Haslam; J. Buckley	200	160	35	..	..	..	40	..	..	..
7203J	*Board School, Carlton Road.*	*1890*	"	*W. Davies*	..	*42*	.	..	..	..	..	..	..	..

Theoretical Mechanics, *Fluids*. VIB.	Applied Mechanics. VII.	Sound, Light, and Heat. VIII.	Sound. VIIIA.	Light. VIIIB.	Heat. VIIIC.	Alternative Physics. A.VIII. & IX.	Magnetism and Electricity. IX.	Inorganic Chemistry (Theory). X. *t.*	Inorganic Chemistry (Practl.) X. *p*	Organic Chemistry (Theory). XI. *t.*	Organic Chemistry (Practical). XI. *p.*	Geology. XII.	Mineralogy. XIII.	Human Physiology. XIV.	General Biology. XV.	Zoology. XVI.	Botany. XVII.	Principles of Mining. XVIII.	Metallurgy, Theory. XIX.	Metallurgy, Pract. XIX. *p.*	Navigation. XX.	Nautical Astronomy. XXI.	Steam. XXII.	Physiography. XXIII.	Principles of Agriculture. XXIV.	Hygiene. XXV.
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ENGLAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Science.	I. Practical Plane & Solid Geometry.	II. Machine Construcn & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	4 & 5.	6 & 7.	VI A. Theoretical Mechanics, *Solids.*
	LONDON—*cont.*													
7204T	KENTISH TOWN—*cont.* Board School, Burghley Road.	1891	The Secretaries	T. W. C. Stileing M. E. Mackay F. Stubbings C. Layzel W. H. Davis F. Townsend M. Young A. Black C. King R. Gatenby	106	178	..	..	..	..	30	..	..	..
2989	KILBURN: St. Augustine's Boys' School, Kilburn Park Road.	1876	W. Kingdon	C. T. Aston H. Nairn	..	22	..	..	..	..	12	..	..	..
2991	KILBURN (WEST): Wordsworth College, Shirland Road.	1890	M. Fielding	W. J. Phillips H. Pennal F. Lee W. Sheen	100	40	10	..	12	..	..	..	..	..
A2993	KINGSLAND: North London School of Science and Art, Sandringham Road (and at Kingsland Congregational Church Room).	1868	C. Paine	C. H. Swinstead A. H. Swinstead F. H. Swinstead W. J. Farrow E. H. Edwards J. Huskinson A. C. Warne B. Clemens	220	20	20	..	..	..	..	..	..	..
2995	*Birkbeck School, Colvestone Crescent.*	*1890*	*S. C. Hagworth.*	*W. J. Farrow* *W. Rüntz* *J. H. Adcock*	*60*	*50*	..	..	..	..	*35*	..	..	..
2996	Hackney Institution, Board School, Tottenham Road.	1888	R. Larcombe	H. W. Clarke A. A. Sothern H. Newton J. W. Leake A. J. Arnold F. W. Markwick H. Newton M. Garland C. M. W. Ross J. S. Bridges	150	150	25	..	..	..	12	..	..	12
7202C	Hackney Pupil-Teachers' Centre, Ball's Pond and Tottenham Road.	1882	The Secretaries	C. W. Tyrrell H. Newton J. E. Gardner H. D. Mockridge F. E. Lyne R. Delaney, B.A. M. Garland J. R. Langley	250	250	70	..	..	..	30	..	..	..
4464	LAMBETH: *Boys' National School, Hercules Road.*	*1868*	*W. W. Jones*	*W. Busbridge* *W. Woodley* *R. Temple*	..	*35*	*20*	*15*	*20*	..	..	..	..	..
7203P	LAMBETH (SOUTH): Board School, Priory Grove.	1890	The Secretaries	J. T. Chell	40	..	..	..	..	..	..	..	..	..
7202G	LAVENDER HILL: Battersea Pupil-Teachers' Board School, Amies Street.	1892	"	B. C. Hastwell W. Devonshire E. E. Horwill	130	130	50	..	..	..	45	..	..	..
1870	LEE: British School, Boone Street.	1891	W. B. Lewis	E. Coppin	..	12	..	..	..	..	..	..	..	..

ENGLAND.

VIB. Theoretical Mechanics, *Fluids.*	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	VIIIA. Sound.	VIIIB. Light.	VIIIC. Heat.	*A.*VIII. & IX. Alternative Physics.	IX. Magnetism and Electricity.	X. *t.* Inorganic Chemistry (Theory).	X. *p.* Inorganic Chemistry (Pract.)	XI. *t.* Organic Chemistry (Theory).	XI. *p.* Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Human Physiology.	XV. General Biology.	XVI. Zoology.	XVII. Botany.	XVIII. Principles of Mining.	XIX. Metallurgy, Theory.	XIX. *p.* Metallurgy, Pract.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.	XXV. Hygiene.
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ENGLAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Science.	I. Practical Plane & Solid Geometry.	II. Machine Construcⁿ & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	4 & 5.	6 & 7.	VIA. Theoretical Mechanics, Solids
	LONDON—*cont.*													
†3201	LEICESTER SQUARE: *Archbishop Tenison's School.*	*1881*	*C. J. Lambe-Eames.*	*J. E. Allen* *H. Dixon* *J. S. Humphrey*	*110*	*96*	*40*	..	..	..	*40*	..	..	..
3004	LIMEHOUSE: Board School, Thomas Street, Burdett Road.	1878	C. B. Harper	G. H. Godwin	..	30	..	..	..	..	..	..	..	..
7204P	Board School, Thomas Street.	1891	The Secretaries	A. Gill G. A. Webber R. W. Smith C. W. Reece J. S. Stone J. E. P. Sanders W. H. Wells	150	150	150	..	..	..	150	..	..	150
†3010	MARYLEBONE: *Central Higher Grade Schools, High Street.*	*1888*	*G. H. Woolley*	*W. J. Burton* *W. H. Davey* *H. M. Dale*	*100*	*100*	*50*	..	..	..	..	..	..	..
†A3025	MILE END: School of Science and Art, People's Palace.	1887	W. P. Sawyer	A. Legges H. J. Bateman F. F. Lydon R. Holt F. G. Castle G. E. Draycott T. S. Usherwood F. R. Taylor A. Grenville, M.Sc. J. W. Martin J. L. S. Hatton, M.A. E. J. Burrell H. Stansfield A. G. Cooke, M.A. G. F. Mansbridge E. H. Shaughnessy J. T. Hewett, M.A. F. G. Pope R. Milne, M.D. J. Harrison H. S. Marley L. G. Oliver J. D. Young, M.A., B.Sc.	390	1380	100	300	100	..	130	25	25	30
7202Q	Mile End Pupil Teachers' School, Essex Street.	1890	The Secretaries	A. E. Grant A. C. Wilkinson R. Jones W. G. Hadfield H. Trills, B.A.	132	138	..	..	..	..	32	..	..	11
7206Z	Higher Standard Board School, Portman Place.	1894	"	S. E. Bray, M.A. S. Rossiter	8	30	..	..	..	..	20	..	..	..
3000	MOORFIELDS: City of London College, White Street.	1865	H. W. Hansen	G. Hawker H. Adams E. C. Allam H. Angel G. S. Boulger W. Brown J. M. Bull H. V. Buttfield J. Davis S. Eraut G. E. Groom S. Humphries J. L. Lobley I. S. Scarf C. A. West	200	300	50	50	150	..	70	30	..	50

ENGLAND.

Theoretical Mechanics, *Fluids*. VIb.	Applied Mechanics. VII.	Sound, Light, and Heat. VIII.	Sound. VIIIa.	Light. VIIIb.	Heat. VIIIc.	Alternative Physics. A.VIII. & IX.	Magnetism and Electricity. IX.	Inorganic Chemistry (Theory). X. *t.*	Inorganic Chemistry (Practl.). X. *p.*	Organic Chemistry (Theory). XI. *t.*	Organic Chemistry (Practical). XI. *p.*	Geology. XII.	Mineralogy. XIII.	Human Physiology. XIV.	General Biology. XV.	Zoology. XVI.	Botany. XVII.	Principles of Mining. XVIII.	Metallurgy, Theory. XIX.	Metallurgy, Pracl. XIX. *p.*	Navigation. XX.	Nautical Astronomy. XXI.	Steam. XXII.	Physiography. XXIII.	Principles of Agriculture. XXIV.	Hygiene. XXV.
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ENGLAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Science.	I. Practical Plane & Solid Geometry.	II. Machine Construction & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	4 & 5.	6 & 7.	VIa. Theoretical Mechanics, Solids.
	LONDON—*cont.*													
	NEW CROSS:													
1966	271, Lewisham High Road, St. John's.	1884	J. J. Pakes	G. Brown M. L. Barnes T. T. Burkett	120	20	12	8	..	..	..	..	..	..
1972	"Welcome" Institute, Arklow Road.	1891	R. Johnson	F. L. Conway	..	20	..	20	..	..	..	..	..	..
A1974	School of Science and Art, Goldsmiths' Company's Technical and Recreative Institute, Lewisham High Road.	1891	J. S. Redmayne, B.A.	F. Marriott J. T. Dalliday A. Drury W. A. Fenn A. Waite H. Waite H. M. Pemberton W. J. Lineham A. G. Bloxam H. Busbridge F. W. Hodgkinson C. W. Hildred G. T. White O. G. Jones, B.Sc. H. H. Simmons B. B. Connolly, M.D. A. H. Coote J. H. Harrison	360	850	*	*	*	..	*	..	..	*
	NEWINGTON:													
4434	St. Mary's School, Newington Butts.	1878	E. B. Gammon	G. Jameson	..	25	..	..	..	..	..	..	..	..
7204G	Board School, Crampton Street.	1891	The Secretaries	R. W. I. Jones L. J. Phillips G. Ferguson	20	20	..	..	..	..	..	..	..	..
	NEW WANDSWORTH:													
7203L	Board School, Belleville Road.	1890	"	W. A. Barter LL.B. C. J. H. Spraggs W. Pook	..	54	..	..	..	..	..	..	..	..
	NORWOOD (WEST):													
4466	The Institute, Chapel Road, Knight's Hill.	1874	E. T. Millis	R. H. Adams P. Holden W. Huntington E. H. E. Bulwer H. Kent E. Whitley	20	75	20	20	20	..	15	..	..	12
	NOTTING HILL GATE:													
3038	*Board School, Silver Street.*	*1882*	*S. Todd*	*G. H. Godwin*	..	*35*	..	..	..	..	..	..	..	..
3039	*Anchor Institute, Johnson Street.*	*1890*	*C. Richardson*	*D. Bryant*	..	*40*	*20*	..	*20*	..	..	..	..	..
	OLD FORD:													
7205F	Board School, Monteith Road.	1891	The Secretaries	A. Sheard J. B. Smurthwaite	36	62	..	..	..	..	36	..	..	..
	OLD KENT ROAD:													
7204N	Board School, Mina Road.	1891	"	J. Schorfield E. W. Moore, M.A. J. Jennings W. Langridge A. J. Bannister S. Ingle A. M. Passmore E. F. Hicks	130	71	32	..	..	..	35	..	..	..

ENGLAND.

	Theoretical Mechanics, *Fluids*. VIb.	Applied Mechanics. VII.	Sound, Light, and Heat. VIII.	Sound. VIIIA.	Light. VIIIB.	Heat. VIIIC.	Alternative Physics. A.VIII. & IX.	Magnetism and Electricity. IX.	Inorganic Chemistry (Theory). X. *t*.	Inorganic Chemistry (Practl.). X. *p*.	Organic Chemistry (Theory). XI. *t*.	Organic Chemistry (Practical). XI. *p*.	Geology. XII.	Mineralogy. XIII.	Human Physiology. XIV.	General Biology. XV.	Zoology. XVI.	Botany. XVII.	Principles of Mining. XVIII.	Metallurgy, Theory. XIX.	Metallurgy, Pract. XIX. *p*.	Navigation. XX.	Nautical Astronomy. XXI.	Steam. XXII.	Physiography. XXIII.	Principles of Agriculture. XXIV.	Hygiene. XXV.
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ENGLAND.

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	LONDON—*cont.*													
	OLD STREET, E.C.:													
3046	*St. Luke's Parochial School, 188, Old Street.*	*1879*	*E. Legg*	*J. W. Dunkerley*	..	*16*	*10*	..	..	..	..	..	..	..
	PADDINGTON:													
3053	Westbourne Park Institute, Porchester Road.	1880	F. G. Russell	E. M. Duncan B. Murphy F. A. M. Wallace F. W. Brown H. Busbridge A. G. Maddox R. Paulsore J. Rogers	50	400	12	..	60	..	20	..	..	6
7206M	Board School, Amberley Road.	1894	The Secretaries	G. Matthews	30	..	..	..	..	..	..	..	..	..
7206Y	*Board School, Harrow Road.*	*1894*	"	*S. Pike*	..	*25*	..	..	..	..	..	..	..	..
	PECKHAM:													
†4467	Technical School, Asylum Road.	1875	D. D. Mercer	J. Faulkuer S. Faulkner H. B. Milne W. Erant E. Fairbanks O. Riddall	180	160	40	10	..	..	80	..	..	80
4470	Wesleyan School, Stafford Street.	1871	H. J. Newman	C. Clemmow	30	30	..	..	..	..	30	..	..	..
4547	Board School, Wood's Road.	1881	J. J. Pakes	W. J. Pope G. H. Godwin	..	100	..	..	..	..	..	..	..	..
†7202E	Peckham Pupil Teachers' School, Sumner Avenue.	1882	The Secretaries	A. E. D. Lowden M. E. Mansford A. W. Thomas H. T. Cook, B.A. W. S. Furneaux J. H. Bull	250	200	50	..	..	..	150	..	..	..
7203	*Board School, Woods Road.*	*1890*	"	*A. Heard*	..	*30*	..	..	..	..	..	..	..	..
7204J	Board School, Gloucester Road.	1891	"	C. J. Chase J. Flynn M. J. Dale	..	53	..	..	..	..	..	..	..	..
7205Q	Board School, Bellenden Road.	1891	"	R. I. Voisey G. G. Lewis H. Longhurst K. Gillman T. Le Marchant	40	174	..	..	..	..	40	..	..	..
7205W	Board School, Colls Road.	1892	"	A. J. Willis	..	30	..	..	..	..	..	..	..	..
7206O	Board School, Hollydale Road.	1894	"	A. J. Bannister E. Cannell	20	20	..	..	20	..	..	..	..	..
	PENGE:													
4561	St. John's Higher Grade School, Croydon Road.	1891	Rev. C. E. Dowdney.	W. F. G. Cook C. H. Rollison	30	30	30	..	..	..	30	..	..	..
7204E	Board School, Melvin Road.	1891	The Secretaries	H. T. F. Thomas.	..	14	..	..	..	..	..	..	..	..

ENGLAND.

Theoretical Mechanics, *Fluids*. VIB.	Applied Mechanics. VII.	Sound, Light, and Heat. VIII.	Sound. VIIIA.	Light. VIIIB.	Heat. VIIIC.	Alternative Physics. A,VIII. & IX.	Magnetism and Electricity. IX.	Inorganic Chemistry (Theory). X. *t.*	Inorganic Chemistry (Practl.) X. *p.*	Organic Chemistry (Theory). XI. *t.*	Organic Chemistry (Practical). XI. *p.*	Geology. XII.	Mineralogy. XIII.	Human Physiology. XIV.	General Biology. XV.	Zoology. XVI.	Botany. XVII.	Principles of Mining. XVIII.	Metallurgy, Theory. XIX.	Metallurgy, Pract. XIX. *p.*	Navigation. XX.	Nautical Astronomy. XXI.	Steam. XXII.	Physiography. XXIII.	Principles of Agriculture. XXIV.	Hygiene. XXV.
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ENGLAND.

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	LONDON—*cont.*													
	PENTONVILLE:													
7202E	Finsbury Pupil-Teachers' School, Vittoria Place.	1882	The Secretaries	A. E. Grant; J. W. Leake; A. H. Hill; A. J. Arnold, B.A.; T. F. G. Dexter, B.A., B.Sc.; L. A. Jarvis, B.Sc.; E. Grimshaw, B.A., B.Sc.	190	190	150	..	..	..	60	..	..	..
	PIMLICO:													
3070	St. Peter's Institute, Buckingham Palace Road.	1891	S. Johnson	W. M. Heller, B.Sc.; H. Somerville, B.Sc.; H. R. Chilton	..	40	..	..	..	..	*	..	..	..
	PLUMSTEAD:													
1882	St. John's School, Robert Street.	1888	T. H. Landford	W. Charlesworth; E. W. Smith	..	60	20	40	20	..	..	..	..	..
1883	Central Schools, St. Margaret's road.	1866	R. T. Smith	J. W. B. Cattell; G. W. Hodges; C. J. Buckeridge	..	65	..	50	..	..	30	..	..	..
7202A	Pupil Teachers' School, Maxey Road.	1882	The Secretaries	G. Brown; A. H. Garlick, B.A.; J. A. Butterfield, B.Sc.; G. Ward; G. E. Sheard; W. W. Stocks	100	100	35	..	..	..	90	..	..	12
†7202M	Board School, Bloomfield Road.	1890	"	H. J. Spencer; J. J. Thompson; I. E. Mellor; W. J. Kirk; E. S. English; C. M. Grosse; A. C. Acheson	140	190	*	..	..	..	..	..	..	..
7202N	Board School, Plumstead Road.	1890	"	G. J. B. Lockwood; W. Hallison; A. Kirk; T. C. Atkins; A. Atkins; J. H. Perry	60	210	40	60	..	..	40	..	..	..
7203B	Board School, Burrage Grove.	1890	"	D. Cunliffe	..	25	..	25	..	..	..	..	..	..
7207	Board School, Ancona Road.	1894	"	G. H. J. Gould	30	..	..	..	..	..	..	..	..	..
7207B	Board School, Purrett Road.	1895	"	F. Byfield	..	16	16	..	..	..	..	..	..	..
7207D	The "Slade" Board School, Plumstead Common Road.	1895	"	J. E. Mellor; G. H. Hutchinson	..	20	20	..	..	..	..	..	..	..
	PUTNEY:													
A4513	School of Science and Art, Oxford Road.	1883	R. S. Todd	J. W. Allison; T. Kerr; M. L. Hall; A. T. J. Gilbert	150	20	20	..	..	..	..	..	..	..
	QUEEN'S PARK:													
†3081	*Institute, Harrow Road.*	*1891*	*J. Spink*	*E. E. Horwill; A. W. Bungard; F. Mathieson, M.A.; W. H. Lord; G. R. Parkinson; M. Samuels; H. J. Edwards, B.Sc.*	*150*	*150*	*40*	*40*	..	..	*40*	..	..	..

ENGLAND.

VIB. Theoretical Mechanics, *Fluids*.	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	Sound.	VIIIB. Light.	VIIIC. Heat.	A VIII. & IX. Alternative Physics.	IX. Magnetism and Electricity.	X. t. Inorganic Chemistry (Theory).	X. p. Inorganic Chemistry (Practl.).	XI. t. Organic Chemistry (Theory).	XI. p. Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Human Physiology.	XV. General Biology.	XVI. Zoology.	XVII. Botany.	XVIII. Principles of Mining.	XIX. Metallurgy, Theory.	XIX. p. Metallurgy, Practl.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.	XXV. Hygiene.
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School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Science.	I. Practical Plane & Solid Geometry.	II. Machine Construcⁿ & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	4 & 5.	6 & 7.	VIA. Theoretical Mechanics, *Solids.*
	LONDON—*cont.*													
7205H	QUEEN'S PARK—*cont.* Board School, Beethoven Street.	1891	The Secretaries	T. Cannon A. R. Probert J. W. Sparkes S. E. Mew R. Paulson R. D. Beaver J. W. Tate A. Hubble	127	127	..	..	..	..	*	..	..	..
† A3169	REGENT STREET: School of Sci. and Art, Polytechnic Young Men's Christian Institution, 309, Regent Street.	1877	R. Mitchell	W. P. Cornish H. L. Ramsay J. Gamble W. Wright E. G. Dench F. G. Conyard E. W. Applebee G. P. Gaskell J. P. Davis H. Spooner R. A. Ward F. S. Beer W. Hibbert T. W. Gwinnell A. T. Burgess E. E. G. Davey W. M. Weir G. P. Mudge Dr. A. Schofield J. L. Abbott J. P. G. Smith A. B. Malden H. J. Barlow, M.A. E. W. L. Collins T. F. S. Dexter, B.A., B.Sc. J. S. Dexter, B.Sc. F. E. Weston	450	1750	300	150	300	..	200	50	20	50
7206L	ROTHERHITHE: Board School, Rotherhithe New Road.	1892	The Secretaries	E. A. Thomson J. Allen C. W. Willsteed W. H. Betambeau	..	40	..	20	20	..	..	..	..	..
A3087	SAFFRON HILL: *School of Science and Art, Board School, Cross Street.*	*1888*	*C. H. Phillips*	*H. Bayfield* *C. Hudson* *C. Lawrence*	*85*	*12*	*12*	..	..	..	..	..	..	..
7204S	ST. JOHN'S WOOD: Board School, Capland Street.	1891	The Secretaries	T. Summers W. Bond, B.A. W. B. Houlding A. Hardman	30	60	20	..	..	..	20	..	..	..
A3091	ST. MARTIN'S: School of Science and Art, Northern School, Castle Street, Long Acre.	1854	C. J. Lambe-Eames.	J. E. Allen H. W. Clarke H Callingham E. Switzer E. Coleman A. Allen	150	20	10	..	10	..	..	..	..	..

ENGLAND.

Theoretical Mechanics, *Fluids*. VIB.	Applied Mechanics. VII.	Sound, Light, and Heat. VIII.	Sound. VIIIA.	Light. VIIIB.	Heat. VIIIC.	Alternative Physics. A.VIII. & IX.	Magnetism and Electricity. IX.	Inorganic Chemistry (Theory). X. *t.*	Inorganic Chemistry (Practl.) X. *p.*	Organic Chemistry (Theory). XI. *t.*	Organic Chemistry (Practical). XI. *p.*	Geology. XII.	Mineralogy. XIII.	Human Physiology. XIV.	General Biology. XV.	Zoology. XVI.	Botany. XVII.	Principles of Mining. XVIII.	Metallurgy, Theory. XIX.	Metallurgy, Pract. XIX. *p.*	Navigation. XX.	Nautical Astronomy. XXI.	Steam. XXII.	Physiography. XXIII.	Principles of Agriculture. XXIV.	Hygiene. XXV.
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ENGLAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Science.	I. Practical Plane & Solid Geometry.	II. Machine Construcⁿ & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	4 & 5.	6 & 7.	VIA. Theoretical Mechanics, *Solids.*
	LONDON—*cont.*													
	ST. PANCRAS:													
†7202F	Higher Standard Board School, Medburn Street.	1890	The Secretaries	W. Smith - T. Cannon - J. W. Parsons - G. J. Kent - G. F. Craggs - A. Probert - C. W. Layzell - F. Pattrick - L. Stanton - H. S. Winter, B.Sc. - C. H. Carr - H. H. Crick - W. V. Mingard - G. J. Kent - M. E. Cox - L. M. Whitledge M. O'Brien, B.Sc.	250	172	60	..	..	..	186	12	..	100
	SOMERS TOWN:													
3096	Clarendon Square Roman Catholic School.	1891	Rev. D. Woollett.	H. W. Clarke - M. A. Mathieson L. Leniham - E. Dunn - A. Nealon - A. Lawrence - K. Bastock - K. O'Brien - V. Norman -	120	110	20	..	..	..	40	..	..	..
3098	*Aldenham Institute, Goldington Crescent.*	*1882*	*A. S. Smith* -	*W. Busbridge* - *A. A. Sothern* -	*8*	*35*	*20*	..	*20*	..	..	..	..	..
	SOUTH LAMBETH ROAD:													
7203K	Board School - -	1890	The Secretaries	J Sands - Z. Lomax - H. J. Tither -	..	44	..	..	..	..	20	..	..	..
	SOUTHWARK:													
4562	Roman Catholic Schools, Melior Street.	1892	Rev. E. Buckley.	F. Wilkie - T. Dempsey -	23	..	..	..	..	..	..	..	..	..
4564	Pupil Teachers' College, 118, St. George's Road.	1892	E. B. Gammon	S. Lynam - J. Hodson - C. Hughes - E. C. Loos - T. Corcoran -	80	52	..	..	..	..	..	..	..	..
7205C	Higher Standard Board School, West Square.	1891	The Secretaries	J. M. Hale - T. W. Nisbet - F. A. Rowe - A. Chaplin - F. H. Harvey - L. L. Millar -	50	170	..	..	..	..	..	..	..	..
	STEPNEY:													
3113	St. Luke's National School, Canal Road, Mile End Road.	1879	Rev. W. R. Thatcher.	M. S. Wallace -	9	..	..	..	..	..	..	..	..	..
7202F	Stepney Pupil Teachers' School, Trafalgar Square, White Horse Lane.	1889	The Secretaries	A. E. Grant - G. Steel - M. Brooks - D. Christie - E. Tench -	180	120	..	..	..	..	*	..	..	*
7205D	Board School, Rutland Street.	1891	" -	E. Willmer - W. Le Masurier -	..	24	..	..	..	..	24	..	..	..
	STOCKWELL:													
4495	St. Andrew's National School, Lingham Street.	1878	J. Godwin -	H. Ellercamp -	..	30	*	*	*	..	..	..	..	..
4558	The College Practising Schools, 23, Stockwell Road.	1891	A. Bourne -	G. Wilcock - A. C. Alexander -	..	75	..	..	..	..	..	..	..	..

ENGLAND.

VIb. Theoretical Mechanics, *Fluids.*	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	VIIIa. Sound.	VIIIb. Light.	VIIIc. Heat.	*A.* VIII. & IX. Alternative Physics.	IX. Magnetism and Electricity.	X. *t.* Inorganic Chemistry (Theory).	X. *p.* Inorganic Chemistry (Practl.).	XI. *t.* Organic Chemistry (Theory).	XI. *p.* Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Human Physiology.	XV. General Biology.	XVI. Zoology.	XVII. Botany.	XVIII. Principles of Mining.	XIX. Metallurgy, Theory.	XIX. *p.* Metallurgy, Pracl.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.	XXV. Hygiene.
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ENGLAND.

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	LONDON—*cont.*													
	STOCKWELL—*cont.*													
7202J	Stockwell Pupil Teachers' School, Hackford Road.	1882	The Secretaries	J. Vaughan; G. Collar, B.A., B.Sc.; A. A. Brayley, B.A.; W. F. Osborn; A. A. B. McFarlane	160	140	*	..	..	..	*	..	..	*
7205T	Board School, Hackford Road.	1891	"	G. E. Andrews	15	..	..	..	..	..	..	..	..	..
	STOKE NEWINGTON:													
3197	Ladies' Art Studio, 59, Stoke Newington Green.	1883	Miss B. Stephens.	M. A. Garratt; A. A. Wilkinson	34	6	6	..	..	..	..	..	..	..
7204R	Board School, Oldfield Road.	1891	The Secretaries	W. H. Davis; E. S. Gates; A. J. Rice; R. Appleton	90	140	..	..	..	..	..	..	..	..
	STRAND:													
3211	*Young Men's Christian Association, Exeter Hall, 372, Strand.*	*1883*	*C. Hooper*	*R. H. Bayley; C. W. White; T. D. Savill, M.D.; J. R. May*	*40*	*460*	..	..	..	..	*80*	..	..	..
	SYDENHAM:													
1899	Holy Trinity School, Dartmouth Road.	1875	A. J. Brown	H. T. F. Thomas	..	12	..	..	..	..	..	..	..	..
7204L	Board School, Sydenham Hill Road.	1891	The Secretaries	J. J. Binns; J. Forrest	20	16	..	..	..	..	..	..	..	..
	SYDENHAM (LOWER):													
7206T	Board School, Haseltine Road, Bell Green.	1894	"	J. Forrest	..	40	..	..	..	..	..	..	..	..
	TOLLINGTON PARK:													
7205P	Board School, Montem Street.	1891	"	A. E. Grant; A. T. Bascomb; S. Atkin; R. M. Linden; E. Slape	45	140	..	..	..	..	60	..	..	..
	TOOLEY STREET, S.E.:													
4540	St. Olave's Grammar School.	1890	F. E. Lemon, M.A.	G. M. Atkinson; F. W. Bartlett; J. Clegg; G. A. Freeman, B.Sc.; W. J. Sharples, M.A.	70	100	30	..	..	..	..	..	..	25
	TOOTING:													
4516	*College, Church Lane*	*1890*	*J. Meade*	*J. Flood; S. Ferry; T. Martyr*	..	*90*	..	..	..	..	*90*	..	..	..
	TOOTING (UPPER):													
4503	Church Institute, Institute Buildings, Wiseton Road.	1878	C. H. Baker	A. Buchanan; W. H. Hudson	..	55	35	..	45	..	..	..	..	..
4505	*St. Mary Magdalene, Middle Class School, Trinity Road.*	*1879*	*R. Howlett*	*J. T. Magee*	*40*	*40*	..	..	..	..	*40*	..	..	..
	TOTTENHAM COURT ROAD:													
3012	St. John's Schools, Kirkman's Place.	1872	J. H. Pasmore	F. Boddy	..	30	20	10	20	..	..	..	..	..

ENGLAND.

Theoretical Mechanics, *Fluids*. VIb.	Applied Mechanics. VII.	Sound, Light, and Heat. VIII.	Sound. VIIIa.	Light. VIIIb.	Heat. VIIIc.	Alternative Physics. *A* VIII. & IX.	Magnetism and Electricity. IX.	Inorganic Chemistry (Theory). X. *t*.	Inorganic Chemistry (Practl.) X. *p*.	Organic Chemistry (Theory). XI. *t*.	Organic Chemistry (Practical). XI. *p*.	Geology. XII.	Mineralogy. XIII.	Human Physiology. XIV.	General Biology. XV.	Zoology. XVI.	Botany. XVII.	Principles of Mining. XVIII.	Metallurgy, Theory. XIX.	Metallurgy, Pracl. XIX. *p*.	Navigation. XX.	Nautical Astronomy. XXI.	Steam. XXII.	Physiography. XXIII.	Principles of Agriculture. XXIV.	Hygiene. XXV.
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ENGLAND.

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	LONDON—*cont.*													
	VAUXHALL:													
A 4460	Lambeth School of Art, St. Oswald's Place, Miller's Lane.	1854	Rev. G. H. W. Bromfield.	T. McKeggie; H. C. I. Fripp; W. R. Kean; J. Jennings; M. Heath; M. Furniss; A. Oldfield	380	..	..	..	..	..	..	..	..	..
4506	London and South-Western Railway Literary Institute, Wandsworth Road.	1869	W. J. Anwell	W. J. Tomes; S. P. Hopkins	..	70	..	70	..	..	..	..	..	..
	WALWORTH:													
4508	Victory Place Institute, Rodney Road.	1895	Rev. W. J. Mills.	J. T. Chell	15	..	..	..	..	..	..	..	..	..
7204U	Board School, Westmoreland Road.	1891	The Secretaries	R. Gaywood; T. Moore	..	66	..	..	..	..	..	..	..	..
7205N	Board School, Penrose Street.	1891	"	W. T. Gale; G. A. Smith; L. J. Phillips	9	110	..	..	..	..	9	..	..	..
7205U	Board School, Beresford Street.	1891	"	W. Eckersall; J. J. Nimmo	6	50	..	..	..	..	..	..	..	..
	WANDSWORTH:													
7206N	Board School, Merton Road.	1894	"	W. J. Berwick	..	20	..	..	..	..	..	..	..	..
†4476	Technical Institute, High Street.	1895	W. K. Curtis	W. T. Emtage, M.A.; A. Greeves; C. Campbell; T. G. Dee; E. Cannell	..	100	13	..	22	..	14	..	4	..
	WANDSWORTH COMMON:													
4438	*Emanuel School*	*1886*	*C. S. Smith*	*G. H. Wyatt*	..	*70*	..	..	..	..	..	..	..	..
	WATERLOO ROAD:													
4580	Morley Memorial College.	1885	G. W. Johnson, M.A.	F. A. Castle; J. Rose; J. H. Vincent, B.Sc.	..	200	20	50	20	..	..	..	..	..
	WESTBOURNE GROVE:													
3151	Paddington High School for Boys, Newton Road.	1895	Rev. J. H. de T. Croft.	W. J. Martin	20	..	..	..	..	..	..	..	..	..
	WESTMINSTER:													
A 3144	School of Science and Art, Royal Archæological Museum, 18, Tufton Street, Dean's Yard.	1876	W. Pain	J. Holgate; M. Loudan; F. E. E. Schenck	350	10	10	..	10	..	..	..	..	..
3150	St. Stephen's Technical Institute, Vincent Square.	1890	C. C. Osborne	H. G. Murray; W. Fourniss; S. M. Fedarb; L. W. Fulcher; F. E. H. Hughes; D. E. Ibbott; W. H. Richards	100	125	30	15	50	..	20	..	..	..
	WESTMINSTER BRIDGE ROAD:													
†4524	Yorkshire Society's School, Westminster Bridge Road.	1889	J. Wilkinson	W. H. Brown; J. R. Roper	28	40	28	..	..	..	40	..	..	28
4579	Messrs. Maudslay, Sons, and Field's Schoolroom, Wesleyan School, Lambeth Road.	1879	H. Maxwell	F. Boddy	..	30	..	30	..	..	..	..	..	..

ENGLAND.

VIB. Theoretical Mechanics, *Fluids*.	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	VIIIA. Sound.	VIIIB. Light.	VIIIC. Heat.	*A*.VIII. & IX. Alternative Physics.	IX. Magnetism and Electricity.	X. *t*. Inorganic Chemistry (Theory).	X. *p*. Inorganic Chemistry (Practl.)	XI. *t*. Organic Chemistry (Theory).	XI. *p*. Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Human Physiology.	XV. General Biology.	XVI. Zoology.	XVII. Botany.	XVIII. Principles of Mining.	XIX. Metallurgy, Theory.	XIX. *p*. Metallurgy, Pracl.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.	XXV. Hygiene.
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	LONDON—*cont.*													
	WHITECHAPEL:													
3157	Foundation School, Leman Street.	1890	T. W. Metcalfe	H. Carter, B.A.; W. T. Tregear; P. Abbott; H. G. Day; F. Dixon	35	86	35	..	..	..	61	..	..	16
7206H	Board School, Old Castle Street.	1893	The Secretaries	L. E. Edwards	36	..	..	..	..	..	..	..	..	..
	WOOLWICH:													
1915	Royal Arsenal Mechanics' Institute.	1861	J. R. Clayton	M. King; W. Busbridge; G. H. Jackson; J. Quick; R. J. Redding	30	290	35	80	30	..	20	..	..	..
A1973	School of Science and Art, Polytechnic Young Men's Christian Institute, William Street.	1891	F. G. Didden	J. H. Hale; M. M. Furlong; H. A. Swiss; J. Dumayne; H. Angel; D. Arthur, M.D.; H. J. T. Bake; J. A. Butterfield; W. Charlesworth; A. C. Coombes; J. E. Evans, B.A.; J. B. Farlie; G. E. Groom; I. H. Herschkowitz; L. M. Jones; A. H. Mundey; E. W. Smith; C. J. Topple	100}	400	100	100	80	..	30	6	..	20
7206W	Board School, Mulgrave Place.	1894	The Secretaries	D. Cunliffe	..	24	..	24	..	..	..	..	..	..
7203Q	Board School, Wood Street.	1890	"	J. E. Hutchinson	..	30	..	..	..	..	..	..	..	30
	MIDDLESEX.													
	ACTON:													
2801	Priory Board School, Acton Lane.	1888	C. W. Harvey	G. Chitty	6	3	3	..	..	..	..	..	..	..
	CHISWICK:													
A2872	School of Science and Art, Bath Road.	1880	F. W. Peel	B. C. Collier; L. M. Clack; L. Galli; A. McI. Croxford	60	20	8	..	12	..	..	..	..	..
	EALING:													
2924	Public Buildings, Uxbridge Road.	1884	The Secretaries	T. W. Cole; F. Bennett; W. Ridgway	150	..	..	..	..	..	..	..	..	..
	ENFIELD:													
3007	School of Industry, Silver Street.	1885	Miss A. I. Sawyer.	L. A. Asbury	25	..	..	..	..	..	..	..	..	..
3182	Grammar School, Churchyard.	1894	H. C. Weed	L. M. Kilpin; W. S. Ridewood, B.A., B.Sc.; S. J. Coysh, B.A.	40	36	..	..	..	..	35	..	..	..
	ENFIELD HIGHWAY:													
3181	Baptist School, Totteridge Road.	1878	S. Beaven	J. P. G. Smith	..	30	18	12	..	..	..	..	..	..
	FINCHLEY (EAST):													
2901	Long Lane Board Sch., East End.	1886	H. Stevens	T. Cartwright	20	30	..	..	..	..	..	..	..	..

ENGLAND.

VIb. Theoretical Mechanics, *Fluids*.	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	VIIIa. Sound.	VIIIb. Light.	VIIIc. Heat.	*A*.VIII. & IX. Alternative Physics.	IX. Magnetism and Electricity.	X. *t*. Inorganic Chemistry (Theory).	X. *p*. Inorganic Chemistry (Practl.)	XI. *t*. Organic Chemistry (Theory).	XI. *p*. Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Human Physiology.	XV. General Biology.	XVI. Zoology.	XVII. Botany.	XVIII. Principles of Mining.	XIX. Metallurgy, Theory.	XIX. *p*. Metallurgy, Pracl.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.	XXV. Hygiene.
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ENGLAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Science.	I. Practical Plane & Solid Geometry.	II. Machine Construcn & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	4 & 5.	6 & 7.	VIA. Theoretical Mechanics, *Solids.*
	MIDDLESEX—*cont.*													
2896	FRIERN BARNET: High School, Friern Barnet Road.	1891	Rev. B. H. Chambers.	E. Lumley - C. E. L. Long -	30	30	..	..	..	..	30	..	..	..
2990A	HARLESDEN: Harlesden College, Bramshill Road.	1895	S. W. Ball -	F. H. Swinstead H. A. Mummery J. J. Gale -	30	20	..	..	20	..	..	..	..	..
2925	HARROW: Technical School, High Street.	1888	A. Fillmore -	R. C. Puckett -	57	10	5	..	5	..	..	..	..	..
2930	Lower School of John Lyon.	1890	J. B. Smith -	E. H. Butt - P. N. Lightfoot -	30	60	..	..	..	..	30	..	..	..
2931	Board School, Greenhill.	1891	A. Fillmore -	W. J. Peck -	..	15	..	..	..	..	..	..	..	..
2936	HIGHGATE: Museum of Sanitary Appliances, North Hill.	1893	F. D. Askey -	W. Busbridge -	30	60	40	..	60	..	..	..	..	..
A2944	HORNSEY: School of Science and Art, Crouch End Hill.	1884	G. W. Kilner, M.A.	F. H. Swinstead A. H. Swinstead - C. H. Swinstead - I. C. Hayne - F. Callcott - W. Broad - H. Woodifield - N. Brown -	180	30	30	5	5	..	..	..	..	..
2946A	Harringay Board School, Frobisher Road and Falkland Road.	1894	S. Hodson -	W. H. Booth - J. Pollitt -	..	35	35	..	..	..	35	..	..	..
2947	HORNSEY (SOUTH): Board School, Wordsworth Road.	1894	J. R. Spratling	W. Busbridge - J. H. Abel -	..	40	*	..	*	..	..	..	..	..
3191	HOUNSLOW: *Boys' National School, School Lane.*	*1879*	*W. Funge* -	*T. E. Fridy* - *J. C. Fridy* -	*40*	*90*	*15*	..	*5*	..	..	..	..	..
2990	KILBURN: Willesden Polytechnic, Priory Park Road.	1893	S. W. Ball -	F. H. Swinstead H. A. Mummery J. Faulkner - T. E. Bishop - W. Eraut -	100	100	24	12	50	..	..	..	..	..
3071	PINNER: Commercial Travellers' School, Hatch End.	1874	H. A. Evans -	E. G. Lynex, B.A. H. H. Hubbard - A. Rance, LLA. -	65	80	..	..	..	..	38	..	..	..
3103	SOUTHALL St. John's Schoolroom	1888	A. Brown -	R. W. Wilkinson F. W. Neville -	30	15	10	..	6	..	..	..	..	..
3105	STAINES: *St. Peter's Hall* -	*1890*	*Rev. G. V. Briscoe.*	*W. H. Webb* - *L. M. Jones* - *H. Miles* - *A. A. Adkins* -	*60*	*36*	*10*	*6*	..	..	*20*	..	..	..
3121	TEDDINGTON: Science and Art Class, Church Road.	1891	J. W. Hickey	T. Pope - F. R. Strubell -	50	20	6	..	15	..	..	..	..	..
3168	TOTTENHAM: Drapers' College, High School for Girls, High Road.	1886	Rev. E. Hobson	E. Piper - C. E. Day -	*	..	..	..	..	..	..	..	..	..

ENGLAND.

VIb. Theoretical Mechanics, *Fluids*.	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	VIIIa. Sound.	VIIIb. Light.	VIIIc. Heat.	A.VIII. & IX. Alternative Physics.	IX. Magnetism and Electricity.	X. t. Inorganic Chemistry (Theory).	X. p. Inorganic Chemistry (Practl.)	XI. t. Organic Chemistry (Theory).	XI. p. Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Human Physiology.	XV. General Biology.	XVI. Zoology.	XVII. Botany.	XVIII. Principles of Mining.	XIX. Metallurgy, Theory.	XIX. p. Metallurgy, Pract.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.	XXV. Hygiene.
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ENGLAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Total Number of Individual Students. Science.	I. Practical Plane & Solid Geometry.	II. Machine Construction & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	V. Pure Mathematics. Stages 4 & 5.	V. Pure Mathematics. Stages 6 & 7.	VIa. Theoretical Mechanics, Solids.
	MIDDLESEX—*cont.*													
	TOTTENHAM—*cont.*													
3134	National School, Park Lane.	1893	Rev. J. H. Watts.	T. J. Winter	..	20	..	..	..	..	20	..	..	..
3134A	St. Katherine's College Practising School, White Hart Lane.	1894	"	C. M. Austin; G. H. Thurley	30	50	..	..	..	..	..	..	..	..
3139	Grammar School, High Cross.	1885	C. E. Burrows	J. T. Cohen, B.A.; H. J. Smith, B.Sc.; W. T. H. Haley	80	80	..	..	..	..	28	..	..	..
3204	Bruce Castle, Lordship Lane.	1894	F. Jenkins	J. J. Pilley, Ph.D.	..	30	..	..	..	..	..	..	..	..
3206	Page Green Board School, Broad Lane.	1882	J. F. Adams	R. Bunting; W. B. James; F. E. Sharland	30	50	12	..	..	..	..	..	..	.
3206A	West Green Board Sch., West Green Rd.	1888	"	A. J. Linford	..	70	..	..	..	..	..	..	..	..
3206B	Noel Park Board School, Gladstone Avenue.	1889	"	J. W. Roff; W. T. Thompson, B.A.; W. H. Hole	30	55	5	..	..	..	40	..	..	..
3206C	Coleraine Park Board School, Glendish Road.	1889	"	J. W. Townsend; A. E. Hunt	..	15	12	..	..	..	14	..	..	..
3206E	Wood Green Board School, White Hart Lane.	1882	"	A. Whale	..	25	20	..	25	..	..	..	..	..
3206G	Seven Sisters' Board School, Braemar Road.	1889	"	C. W. Crook, B.A., B.Sc.; E. Downing	..	60	..	..	..	..	30	..	..	..
3206H	Trinity Road Board School, Wood Green.	1889	"	F. J. Bailey; H. G. Waller; J. T. Allen	..	50	..	..	..	..	40	..	..	..
3206J	Lancasterian Board School, Church Road.	1889	"	W. Massie, M.A.; R. Ashworth	..	24	..	..	..	..	10	..	..	..
3206K	Stamford Hill Board School, Vartry Road.	1893	"	A. H. Adkins	..	20	..	..	..	..	10	..	..	..
3206L	Downhills Board School, Philip Lane.	1894	"	R. Bunting; J. W. Roff; A. J. Linford; W. R. Lever, B.Sc.	40	70	30	..	..	..	..	..	..	..
+3206M	Bruce Grove Board School, Sperling Road.	1895	"	W. T. Boone, B.Sc.; W. B. James	..	20	..	..	..	..	..	..	..	..
	TOTTENHAM (SOUTH):													
3135	St. Ignatius School, High Road.	1894	"	J. W. Roff; Rev. A. L. Cortie	40	40	..	..	..	..	19	..	..	..
3204A	Collegiate School, High Road.	1894	F. Jenkins	W. T. H. Haley; H. Busbridge	25	40	..	..	40	..	..	..	..	..
	UXBRIDGE:													
3141	British School, Cowley Road.	1888	W. A. Bird	R. A. Salin; E. G. Hodder; M. L. Timbury	36	5	..	..	5	..	..	..	..	..
	WOOD GREEN:													
3161	Royal Masonic Institute for Boys.	1890	J. Glass	T. J. Beard; H. V. Crane; E. W. Wetherell	24	76	23	..	..	..	44	..	..	..
	MONMOUTHSHIRE.													
	ABERBEEG:													
3301A	*Boys' Board School*	*1894*	*T. Griffiths*	*T. Evans*	*12*	*6*	..	..	..	..	..	..	..	..
	ABERCARN:													
3324	Board School	1891	R. Rowsell	W. G. Edwards; L. W. Thomas	12	22	..	..	..	..	12	..	..	..

ENGLAND.

	VIB. Theoretical Mechanics, *Fluids*.	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	VIIIA. Sound.	VIIIB. Light.	VIIIC. Heat.	*A*.VIII. & IX. Alternative Physics.	IX. Magnetism and Electricity.	X. *t*. Inorganic Chemistry (Theory).	X. *p*. Inorganic Chemistry (Practl.)	XI. *t*. Organic Chemistry (Theory).	XI. *p*. Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Human Physiology.	XV. General Biology.	XVI. Zoology.	XVII. Botany.	XVIII. Principles of Mining.	XIX. Metallurgy, Theory.	XIX. *p*. Metallurgy, Pracl.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.	XXV. Hygiene.
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ENGLAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Science.	I. Practical Plane & Solid Geometry.	II. Machine Construcⁿ & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	4 & 5.	6 & 7.	VIA. Theoretical Mechanics, Solids.
	MONMOUTHSHIRE—*cont.*													
	ABERGAVENNY :													
3325	*Boys' National School, Hereford Road.*	*1891*	*F. Baker-Gabb*	*T. P. Holland*	*80*	*22*	*14*	..	*8*	..	..	..	..	..
3325A	*Corn Exchange, Town Hall Buildings, Cross Street.*	*1892*	"	*E. W. Small*	..	*45*	..	..	..	..	..	..	..	..
	ABERSYCHAN :													
3315	Board School, Church Road.	1890	L. Llewelyn	K. M. Wells; E. W. Small, M.A., B.Sc.; T. A. Shegog; W. S. Grant; F. J. W. Hayes; D. S. Thomas; W. Addie; F. Worton	20	70	12	10	..	..	15	..	..	..
	ABERTILLERY :													
3301	Boys' Board School	1889	Rev. T. Griffiths.	T. Bevan; E. J. Williams; G. G. Gunter; T. Evans; D. J. Badger; A. J. Bevan; T. B. Martindale; T. A. Shegog; W. Yates; T. Jones	50	150	20	..	..	..	30	..	..	12
	BLACKWOOD :													
3331	Board School	1892	E. Jones	W. Edwards, B.A.; O. Edwards	45	45	..	..	..	..	35	..	..	..
	BLAENAVON :													
3326	British School, Park Street.	1891	D. J. Hirst	T. M. Jenkins; F. Wootton	30	25	10	15	..	..	..	..	..	..
3326A	National School, Church Road.	1892	"	W. Howse; R. P. Jones; W. Addie	..	45	..	..	..	..	15	..	..	..
	BLAINA :													
3314A	Board Schools, Abertillery Road.	1891	Rev. J. G. Williams.	J. L. Cox; W. Roberts; L. W. Thomas	40	30	..	..	..	..	12	..	..	..
3314B	Urban District Council Office.	1892	"	W. L. Roach	..	15	..	..	..	..	..	..	..	..
	CHEPSTOW :													
3304	Board School, Station Road.	1890	Rev. J. H. Stephens.	M. Garland	45	6	6	..	..	..	..	..	..	..
3304A	Board School, Bridge Street.	1894	"	W. Howe	..	30	..	..	..	..	30	..	..	..
	CRUMLIN :													
3324A	*Board School*	*1893*	*E. Williams*	*W. Jones*	..	*6*	..	..	..	..	..	..	..	..
	CWMBRAN :													
3327	St. Dial's Board School	1890	A. W. Morgan	K. M. Wells	20	20	20	..	..	..	..	..	..	..
	CWMCARN :													
3324C	Board School	1894	R. Rowsell	R. Rhydderch	..	20	..	..	..	..	..	..	..	..
	EBBW VALE :													
3305	Literary and Scientific Institute, Church Street.	1877	A. D. Henry	W. Williams; W. O. Orchard; A. Parry; T. Jeffreys; J. T. Bedford; J. C. Lee; C. E. Lee	50	80	20	..	15	..	15	..	..	..
	MACHEN :													
3316	Board School, Turnpike Road.	1891	H. Jones	E. Connor; S. G. Watts	12	20	*	*	..	..	*	..	..	..

ENGLAND.

Theoretical Mechanics, *Fluids*. VIb.	Applied Mechanics. VII.	Sound, Light, and Heat. VIII.	Sound. VIIIa.	Light. VIIIb.	Heat. VIIIc.	Alternative Physics. *A*. VIII. & IX.	Magnetism and Electricity. IX.	Inorganic Chemistry (Theory). X. *t*.	Inorganic Chemistry (Practl.). X. *p*.	Organic Chemistry (Theory). XI. *t*.	Organic Chemistry (Practical). XI. *p*.	Geology. XII.	Mineralogy. XIII.	Human Physiology. XIV.	General Biology. XV.	Zoology. XVI.	Botany. XVII.	Principles of Mining. XVIII.	Metallurgy, Theory. XIX.	Metallurgy, Pracl. XIX. *p*.	Navigation. XX.	Nautical Astronomy. XXI.	Steam. XXII.	Physiography. XXIII.	Principles of Agriculture. XXIV.	Hygiene. XXV.
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ENGLAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Total Number of Individual Students. Science.	I. Practical Plane & Solid Geometry.	II. Machine Construc^n & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	V. Pure Mathematics. Stages 4 & 5.	V. Pure Mathematics. Stages 6 & 7.	VIA. Theoretical Mechanics, *Solids.*
	MONMOUTHSHIRE—*cont.*													
	MONMOUTH:													
3306	Boys' National School, 12, Priory Street.	1886	H. Bailey	W. Hunter; W. D. Lewis	50	30	..	..	..	..	..	..	..	..
	NANTYGLO:													
3314	Garnvach Board Schools	1888	Rev. J. G. Williams	J. Jones; W. Roberts; J. J. Evans	50	40	..	..	..	..	*	..	..	..
	NEWPORT:													
A 3308	School of Science and Art, Free Library, Dock Street.	1872	R. H. Johns	W. Bush; A. P. Gratte; I. Cox; E. W. Avery; P. Howard; S. G. Watts; G. A. Derrick; J. Parkes; E. Campbell; H. Rees	150	300	100	150	60	..	100	..	..	..
3308A	Technical School, 182, Dock Street.	1891	"	G. R. Thompson; A. Mortimer	..	70	..	..	..	..	..	..	..	..
3312	Board School, Bolt Street.	1885	"	I. Cox; A. J. Lander; A. J. Smith; H. J. Allen	60	80	..	60	..	..	60	..	..	..
3312B	Maindee Board School, Chepstow Road.	1893	"	P. Gale; H. J. Allen; J. Parker	100	150	20	..	..	..	50	..	..	..
	PONTLANFRAITH:													
3319	*Board School*	*1884*	*J. Morgan*	*W. Edwards, B.A.*; *A. Edwards*	[illegible]	*30*	*12*	..	..	..	*12*	..	..	..
	PONTYPOOL:													
3317	*Board School, Park Terrace.*	*1887*	*E. Jones*	*A. J. Joshua*; *W. S. Grant*; *T. Jones*	*12*	*30*	*30*	..	..	..	..	..	..	..
	RHYMNEY:													
3322	Middle Rhymney Board School.	1891	W. Lloyd Marks.	J. Shields; J. W. Price; J. Lewis; C. Carter; L. Thomas	50	142	28	10	10	..	..	..	..	..
	RISCA:													
3320	Board School, Main Road.	1890	A. Williams	E. Lewis; W. G. Edwards; T. Davies	60	30	..	18	..	..	20	..	..	..
3320A	Board School, Cross Keys.	1894	"	W. S. Thomas	..	10	..	..	..	..	..	..	..	..
	TREDEGAR:													
3309	Board School, Earl Street.	1883	J. P. Fowler	W. A. Orchard; D. L. Davies; E. W. Small, M.A., B.Sc.; L. W. Thomas	100	70	24	..	..	..	..	..	..	..
3309A	The Laboratory, Duke Street.	1886	"	D. L. Davies; T. A. Shegog	..	10	..	..	..	..	..	..	..	..
	USK:													
3330	Grammar School, Maryport Street.	1891	S. A. Hiley	J. H. Priestley, B.A.	15	15	..	..	..	..	15	..	..	..
	NORFOLK.													
	ACLE:													
3784	National School	1891	H. Gales	T. Avis	..	12	..	..	..	..	..	..	..	..

ENGLAND.

Theoretical Mechanics. *Fluids.* VIB.	Applied Mechanics. VII.	Sound, Light, and Heat. VIII.	Sound. VIIIA.	Light. VIIIB.	Heat. VIII C	Alternative Physics. A, VIII. & IX.	Magnetism and Electricity. IX.	Inorganic Chemistry (Theory). X. *t.*	Inorganic Chemistry (Practl.) X. *p.*	Organic Chemistry (Theory). XI. *t.*	Organic Chemistry (Practical). XI. *p.*	Geology. XII.	Mineralogy. XIII.	Human Physiology. XIV.	General Biology. XV.	Zoology. XVI.	Botany. XVII.	Principles of Mining. XVIII.	Metallurgy, Theory. XIX.	Metallurgy, Pract. XIX. *p.*	Navigation. XX.	Nautical Astronomy. XXI.	Steam. XXII.	Physiography. XXIII.	Principles of Agriculture. XXIV.	Hygiene. XXV.
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ENGLAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Science.	I. Practical Plane & Solid Geometry.	II. Machine Construc. & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	4 & 5.	6 & 7.	VIA. Theoretical Mechanics, *Solids.*
	NORFOLK—*cont.*													
	BUNWELL:													
3476	Board School, Turnpike Road.	1895	E. Brooks	W. N. Ayer	..	20	..	.	..	..	..	..	..	..
	CROMER:													
3452	St. Benet's, Vicarage Road.	1891	E. M. Hansell	E. Thomas; J. B. Hudson	..	*	*	..	*	..	..	..	..	..
	DEREHAM:													
3440	National Sch., East Dereham.	1891	Rev. H. J. L. Arnold.	H. J. Barnaby	20	12	12	..	..	..	..	..	..	..
	DISS:													
3444	Corn Hall, Crown Street.	1891	T. C. Collins	W. Balls; T. M. Pullen	50	10	10	..	..	..	..	..	..	..
	DOWNHAM MARKET:													
3449	Board School, Paradise Lane.	1891	Rev. S. Howard	E. Priest; B. Bray	20	10	10	..	..	..	..	..	..	..
	FAKENHAM:													
3433	National School, Church Lanes.	1890	H. Hutchinson	G. Bales	10	..	..	..	..	..	..	..	..	..
	HINDOLVESTONE:													
3468	Board School	1894	Mrs. E. M. Skipper.	F. Hockham	12	..	..	..	..	..	..	..	..	..
	HINGHAM:													
3474	*Grammar School, Hardingham Road.*	*1894*	*Rev. A. C. W. Upcher.*	*E. L. Jones, B.A.; E. Minns; G. K. Dobbs*	*15*	*15*	..	..	..	..	*15*	..	..	..
	HUNSTANTON:													
3447	Board School	1891	G. Whitby	W. H. Elsum; G. H. Mallett	20	..	..	..	..	..	..	..	..	..
	KING'S LYNN:													
†3454	Technical School, London Road.	1891	H. Barrett	W. R. Bullmore; E. Broome; J. H. Haigh; S. S. Richardson; W. S. McVie; S. Pollitt	80	150	25	20	20	..	25	..	..	..
	LINGWOOD:													
3475	Lingwood School	1895	R. D. Becket	T. Avis	..	10	..	..	..	..	..	..	..	..
	MELTON CONSTABLE:													
3418	Railway Hall	1888	W. Marriott	J. Dunbar; A. Westcott; B. Roberts	20	40	..	27	..	..	..	..	..	..
	NEATISHEAD:													
3460	Church of England School.	1893	R. L. Beane	E. Weaver	20	..	..	..	..	..	..	..	..	..
	NECTON:													
3404	*Reading Rooms, Church Street.*	*1887*	*R. H. Mason*	*A. C. Stead*	*12*	*5*	5	..	..	..	..	..	..	..
	NORTH WALSHAM:													
3455	Board School	1891	F. Davies	G. W. Steward	9	4	5	..	..	..	..	..	..	..
3455B	Paston Grammar School.	1892	"	E. Minns; C. C. Davies, B.A.	20	20	..	..	..	..	15	..	..	..
	NORWICH:													
3405	Boys' Model School, Prince's Street.	1886	Rev. S. Cox	M. Holmes; E. Minns	43	12	12	..	..	..	..	..	..	..
3406A	*Junior Institute, Prince's Street.*	*1894*	*Rev. T. Archbold.*	*J. Holford*	*	..	..	..	..	..	..	..	..	..
3407	Presbyterian School, Calvert Street.	1886	A. Mottram	C. O. Wright; J. D. Wright; A. E. White; W. J. Wright	55	45	..	..	..	..	25	..	..	..

ENGLAND.

VIb. Theoretical Mechanics, *Fluids.*	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	VIIIa. Sound.	VIIIb. Light.	VIIIc. Heat.	A.VIII. & IX. Alternative Physics.	IX. Magnetism and Electricity.	X. *t.* Inorganic Chemistry (Theory).	X. *p.* Inorganic Chemistry (Practl.)	XI. *t.* Organic Chemistry (Theory).	XI. *p.* Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Human Physiology.	XV. General Biology.	XVI. Zoology.	XVII. Botany.	XVIII. Principles of Mining.	XIX. Metallurgy, Theory.	XIX. *p.* Metallurgy, Pract.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.	XXV. Hygiene.
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ENGLAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Science.	I. Practical Plane & Solid Geometry.	II. Machine Construcⁿ & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	4 & 5.	6 & 7.	VIA. Theoretical Mechanics, Solids.
	NORFOLK—*cont.*													
	NORWICH—*cont.*													
3409	School of Science, Free Library Buildings, St. Andrew's, Broad Street.	1846	H. G. Barwell	W. Scott G. E. Offord E. Minns A. E. Westcott W. R. Webster L. Day	250	70	40	20	20	..	..	..	..	..
†3415	Higher Grade Board School, Duke Street.	1889	S. Cozens-Hardy.	W. P. Cooper F. E. Smith R. S. Cahill S. J. Batchelder R. F. Cowin E. Cadman S. Hewitt F. Horner P. P. F. Looker E. Peake A. R. Golden, B.A. B. S. Dunn, LL.A. B. E. Humphries M. Hill A. Groom	279	*	*	..	..	..	*	..	..	*
3422	St. Augustine's Senior Board School.	1889	"	B. H. Barber J. W. Sexton W. J. Adlam P. P. F. Looker J. A. Hartington M. Gray K. Balls F. E. Smith	68	30	..	..	..	..	..	..	..	..
3430	Pupil-Teachers' Centre Board School, Quay Side.	1890	"	H. W. Duffin F. E. Smith D. Canham	50	90	..	..	..	..	24	..	..	..
3439	Boys' Board School, Nelson Street.	1891	"	C. Hubbard J. C. Nutchey R. Pask	..	24	..	..	..	..	24	..	..	..
3458	Board School, Crook's Place.	1891	"	E. Peake S. J. Batchelder H. J. Joyce B. A. Gout	15	50	..	..	..	..	..	..	..	..
3459	Thorpe Hamlet Boys' Board School, St. Leonard's Road.	1891	"	F. G. Warren H. Grimshaw	31	13	..	..	..	..	..	..	..	..
3473	Convent of Notre Dame, Surrey Road.	1894	Sister C. Lomax.	A. Robinson	18	15	15	..	..	..	..	..	..	..
	STALHAM:													
3466	Board School	1893	T. A. Daniels	H. T. Hardwicke	15	..	..	..	..	..	..	..	..	..
	SWAFFHAM:													
3464	Shire Hall	1892	H. Lee Warner	C. B. Nurse F. W. Giles	32	5	5	..	..	..	..	..	..	..
	THETFORD:													
3423	Mechanics' Institute, Market Place.	1889	W. H. Leggatt	F. Russell F. H. Millington F. Chapman	24	50	20	40	..	..	10	..	..	..
3427	Grammar School, London Road.	1889	"	Rev. B. Reed, B.A. F. E. Russell H. F. Clegg G. F. Mills	60	34	..	..	..	..	34	..	..	..
	UPTON:													
3457A	*National School*	*1892*	*H. Gales*	*T. Avis*	..	*8*	..	..	..	..	..	..	..	..
	WELLS:													
3424	*Board School, High Street.*	*1889*	*E. B. Loynes*	*C. Wood*	*20*	*20*	*20*	..	..	..	*	..	..	..

ENGLAND.

VIB. Theoretical Mechanics, *Fluids*.	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	VIIIA. Sound.	VIIIB. Light.	VIIIC. Heat.	A.VIII. & IX. Alternative Physics.	IX. Magnetism and Electricity.	X. *t*. Inorganic Chemistry (Theory).	X. *p*. Inorganic Chemistry (Practl.)	XI. *t*. Organic Chemistry (Theory).	XI. *p*. Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Human Physiology.	XV. General Biology.	XVI. Zoology.	XVII. Botany.	XVIII. Principles of Mining.	XIX. Metallurgy, Theory.	XIX. *p*. Metallurgy, Pract.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.	XXV. Hygiene.
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ENGLAND.

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	NORFOLK—*cont.*													
	WYMONDHAM:													
3419	Wicklewood Board School.	1887	F. J. Browes -	F. G. Harris - -	6	10	4	..	..	..	10	..	..	..
3432	*Grammar School, Church Street, Town Green.*	*1890*	*F. E. Groom* -	*C. H. Cox* - -	..	*6*	..	..	..	..	*6*	..	..	..
3443	Central Board School, Browick Lane.	1890	G. Plumstead	R. C. Shockley -	15	12	12	..	..	..	6	..	..	..
	YARMOUTH (GREAT):													
A3416	School of Science and Art, South Quay.	1857	T. M. Baker -	J. F. Ryan - - A. W. Yallop - R. F. M. Ryan - A. J. Ecclestone - F. Greening - F. C. Mayston - J. W. May - -	120	100	*	*	*	..	*	..	..	*
3451	*St. George's Board School, St. George's Road.*	*1891*	*C. H. Wiltshire*	*W. M. Theobald* -	..	*24*	..	..	..	..	..	..	..	..
3451B	*Nelson Board School, St. Peter's Road.*	*1894*	" -	*J. W. May* - -	..	*80*	..	..	..	..	*80*	..	..	..
3448	*Priory Upper Grade School, Priory Row.*	*1891*	*Rev. J. L. Hughes, B.A.*	*E. F. Frost* - - *J. Denton* - -	..	*40*	..	..	..	..	..	..	..	..
	NORTHAMPTONSHIRE.													
	BRACKLEY:													
3502	Magdalen College School, High Street.	1886	L. E. Parkhurst, M.D.	W. Garrett - - I. Wodhams - W. Murdock -	15	25	20	..	..	..	*	..	..	..
	DAVENTRY:													
3506B	*Technical School, Waterloo Hall, High Street.*	*1891*	*Rev. H. Johnson.*	*E. Bradbury* -	*80*	*6*	*6*	..	..	..	..	..	..	..
	FLOORE:													
3518	Boys' School - -	1892	F. Capell -	F. Amos - -	12	..	..	..	..	..	..	..	..	..
	GUILSBOROUGH:													
3516	Grammar School - -	1892	Dr. A. F. Williams.	F. W. Kingston - B. Thompson -	..	12	..	..	..	..	12	..	..	..
3517	National School -	1892	Rev. T. S. Hichens.	G. W. Brunner -	*	..	..	..	..	..	..	..	..	..
	IRTHLINGBORO':													
3508	Board School - -	1886	T. P. Moulding	J. R. Brown -	12	..	..	..	..	..	..	..	..	..
	KETTERING:													
350	*Boys' National School, Horsemarket.*	*1874*	*A. Bird* - -	*J. Bird* - -	*85*	..	..	..	..	..	..	..	..	..
3522	Board School, Stamford Road.	1893	J. H. Wallis -	P. N. Peake - J. H. Newman - H. M. Hancock - G. I. Wilson - B. Thompson -	..	80	15	10	10	..	12	..	..	..
3522A	Board School, Rockingham Road.	1895	" -	W. B. Gash - -	15	..	..	..	..	..	..	..	..	..
	LONG BUCKBY:													
3511	Board School, Church Street.	1876	J. W. Ewart -	F. E. Harris -	15	12	12	..	..	..	..	..	..	..

ENGLAND.

Theoretical Mechanics, *Fluids*. VI B.	Applied Mechanics. VII	Sound, Light, and Heat. VIII.	Sound. VIII A.	Light. VIII B.	Heat. VIII C.	Alternative Physics. A VIII. & IX.	Magnetism and Electricity. IX.	Inorganic Chemistry (Theory). X. *t.*	Inorganic Chemistry (Practl.) X. *p.*	Organic Chemistry (Theory). XI. *t.*	Organic Chemistry (Practical). XI. *p.*	Geology. XII.	Mineralogy. XIII.	Human Physiology. XIV.	General Biology. XV.	Zoology. XVI.	Botany. XVII.	Principles of Mining. XVIII.	Metallurgy, Theory. XIX.	Metallurgy, Pract. XIX. *p.*	Navigation. XX.	Nautical Astronomy. XXI.	Steam. XXII.	Physiography. XXIII.	Principles of Agriculture. XXIV.	Hygiene. XXV.
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ENGLAND.

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	NORTHAMPTON-SHIRE—*cont.*													
	NORTHAMPTON:													
A 3515	School of Science and Art, Northampton and County Modern and Technical School, Abington Square.	1871	J. B. Hensman	W. H. Knight D. Gardam R. J. Lines S. F. Harris C. H. Ilott, B.A. M. Blood, B.A. J. G. Roberts H. L. Dixon, M.A., M.B., B.C., Ph.D. R. E. Steel, M.A. A. Tustin F. Tustin C. Jenkins	300	280	40	20	20	..	130	..	..	12
3519	All Saints' Schools, Horse Shoe Street.	1893	Rev. E. N. Tom	G. Fisher D. Gardam	80	40	40	..	..	..	..	..	..	..
	OUNDLE:													
3520	Latham's School, North Street.	1888	W. E. Dolby	H. C. Pilsbury H. Creeser H. Lenton	30	33	20	..	..	..	..	..	..	..
	PETERBOROUGH:													
3527	*Deacon's School, Deacon's Street.*	*1890*	*E. Vergette*	*G. Atchinson* *J. J. Wheeler* *H. C. Bowman*	*63*	*56*	*50*	..	..	..	*85*	..	..	..
A 3551	School of Science and Art, Minster Precincts.	1882	C. Dack	E. Worthington E. L. Sargeant L. L. Bristow J. W. Moyser T. Brailsford A. P. Turner W. H. Marsh S. W. Taylor A. Rowledge V. Howard, B.A.	200	200	50	24	18	..	40	..	..	12
	RAUNDS:													
3530	Wesleyan School	1870	T. C. Jeeves	G. Lee	..	10	..	..	..	..	..	..	..	..
3531	National School, High Street.	1886	E. J. Whitney	J. Shelmerdine	*	*	..	..	..	..	..	..	..	..
	RUSHDEN:													
3532	Board Schools, Newton Road.	1894	W. Clarke	P. N. Peake B. Thompson	20	25	20	..	..	..	..	..	..	..
	THRAPSTON:													
3535	High School, Bridge Street.	1891	J. Kidner, J.P.	H. Creeser H. Lenton	20	15	6	..	..	..	..	..	..	..
	TOWCESTER:													
3554	Grammar School, Brackley Road.	1891	W. K. Higham	J. Wetherell, M.A. W. Gardner	..	18	..	..	..	..	18	..	..	10
3555	Park Street School	1894	J. S. Jarvis	W. T. Knight	..	15	..	..	..	..	15	..	..	..
	WELLINGBOROUGH:													
3539	Freeman's School, Oxford Street.	1890	J. W. Fisher	W. B. Gash P. N. Peake W. G. Mitchell B. Thompson	50	*	*	*	*	..	*	..	..	..
	WOODFORD:													
3546	Infants' School	1896	G. Essam	H. Lenton	..	16	..	..	..	..	..	..	..	..

ENGLAND.

Theoretical Mechanics, *Fluids*. VIb.	Applied Mechanics. VII.	Sound, Light, and Heat. VIII.	Sound. VIIIa.	Light. VIIIb.	Heat. VIIIc.	Alternative Physics. *A.* VIII. & IX.	Magnetism and Electricity. IX.	Inorganic Chemistry (Theory). X. *t.*	Inorganic Chemistry (Practl.) X. *p.*	Organic Chemistry (Theory). XI. *t.*	Organic Chemistry (Practical). XI. *p.*	Geology. XII.	Mineralogy. XIII.	Human Physiology. XIV.	General Biology. XV.	Zoology. XVI.	Botany. XVII.	Principles of Mining. XVIII.	Metallurgy, Theory. XIX.	Metallurgy, Pracl. XIX. *p.*	Navigation. XX.	Nautical Astronomy. XXI.	Steam. XXII.	Physiography. XXIII.	Principles of Agriculture. XXIV.	Hygiene. XXV.
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	NORTHUMBERLAND.													
3601	ALNWICK: Mechanics' Institute, Percy Street.	1867	C. Percy	J. W. Douglas; H. Strafford	40	12	10	..	..	..	..	..	..	..
3603	ASHINGTON: Bothal National School.	1894	J. C. Horn	R. Nixon	..	20	..	..	..	..	..	..	..	..
3648	BEDLINGTON: Church of England Sch., Vulcan Place.	1888	W. J. Gibson	J. Treble; F. W. Stone	10	30	..	..	..	..	10	..	..	..
3649	BEDLINGTON COLLIERY: Church of England School.	1878	J. Fish	R. Nixon	..	20	..	..	..	..	..	..	..	..
A3605	BERWICK-ON-TWEED: School of Science and Art, High Street.	1873	J. Gray	J. Wallace; J. Wallace, jun.; M. I. Wallace	110	24	12	..	12	..	..	..	..	..
†3606	BLYTH: Higher Grade School, Beaconsfield Terrace.	1890	T. B. Hindmarch.	J. L. Gibbons; R. Illingworth; T. Taylor; W. Storey; G. Huntley; R. Nixon; G. Graham	30	100	20	20	20	..	12	..	..	..
3654	Infant School, Cambois.	1888	—	H. Hopper	..	16	..	..	..	..	..	..	..	..
3651	CRAMLINGTON: Shankhouse School	1878	W. Hobkirk	R. Nixon	..	20	..	..	..	..	..	..	..	..
3631A	CULLERCOATS: Board School, John Street.	1892	J. W. Lambton.	G. Hingley	10	..	..	..	..	..	..	..	..	..
3611	HALTWHISTLE: Board School, West Croft Head.	1886	J. Maxwell	W. Graham; G. Slater	9	12	..	..	..	..	..	..	..	.
3613	HEXHAM: Board School	1891	R. J. Simpson	J. J. Paxton	40	20	20	..	..	..	..	..	..	..
3661	LEMINGTON: Primitive Methodist School, Loraine Terrace.	1894	J. Carr	C. Ferguson	..	15	..	..	..	..	..	..	..	..
3637	MORPETH: King Edward VI. Grammar School.	1882	G. Brumell	W. Davidson, B.A.; F. Lake	..	55	..	..	..	..	..	..	..	..
3657	Borough Girls' School, Dacre Street.	1892	F. Brumell, jun.	J. Watson	75	..	..	..	..	..	..	..	..	..
3642	NEWBURN: Working Men's Club, High Street.	1884	Rev. C. E. Blackett Ord.	T. Taylor; D. Stephen; J. P. Ward	20	12	10	12	..	..	..	..	..	..
3616	NEWCASTLE-ON-TYNE: Mechanics' Institute, Elswick.	1868	W. Maxwell	R. Wills, B.Sc.; G. Forster; T. Hull; H. Murray; T. C. Midgley; J. W. Lincoln; J. T. Graham	100	400	70	160	15	..	130	..	..	40

ENGLAND.

Theoretical Mechanics, *Fluids*. VIb.	Applied Mechanics. VII.	Sound, Light, and Heat. VIII.	Sound. VIIIA.	Light. VIIIB.	Heat. VIIIC.	Alternative Physics. A.VIII. & IX.	Magnetism and Electricity. IX.	Inorganic Chemistry (Theory). X. t.	Inorganic Chemistry (Practl.) X. p.	Organic Chemistry (Theory). XI. t.	Organic Chemistry (Practical). XI. p.	Geology. XII.	Mineralogy. XIII.	Human Physiology. XIV.	General Biology. XV.	Zoology. XVI.	Botany. XVII.	Principles of Mining. XVIII.	Metallurgy, Theory. XIX.	Metallurgy, Pract. XIX. p.	Navigation. XX.	Nautical Astronomy. XXI.	Steam. XXII.	Physiography. XXIII.	Principles of Agriculture. XXIV.	Hygiene. XXV.
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ENGLAND.

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	NORTHUMBERLAND —*cont.*													
	NEWCASTLE-ON-TYNE —*cont.*													
3618	*Allan's Endowed School, Northumberland Road.*	*1889*	*J. B. Lazenby*	*W. Patterson - E. B. Nash - - E. Moffatt - - A. B. Noble - A. Goodacre - G. P. Dodds - S. E. Dobson - A. H. Hawthorn M. Ross - -*	*110*	*100*	*90*	..	..	..	*60*	..	..	..
3620	Board School, Westmoreland Road.	1875	A. Goddard -	C. Beetham - J. Youngson - C. S. Metcalfe - S. Metcalfe - - W. Patterson - J. W. Bullerwell E. B. Nash - -	70	115	..	20	10	..	..	70	15	..
A 3621	*School of Science and Art, Durham College of Science, College Road.*	*1844*	*H. F. Stockdale*	*W. C. Way - Prof. R. L. Weighton, M.A. R. M. Ferrier, B.Sc. - - - R. J. Paterson - J. P. Allen - - R. G. Hatton - R. Bullock - - H. Sandeman -*	*420*	*60*	*	*40*	*20*	..	..	..	..	..
3623A	Todd's Nook Board School, Darnell Street.	1891	A. Goddard -	T. H. Sibbit - -	60	60	..	..	..	..	36	..	..	..
3624	Pupil Teachers' Centre, Prudhoe Street.	1890	" -	J. B. Gaunt, B.A., B.Sc. - - - J. Spouse - -	140	130	60	..	..	..	60	..	..	18
3629	Heaton Park Road, Board School.	1879	" -	G. Foster - - C. H. Brockbanks - J. Spouse - - J. W. Bullerwell C. S. Metcalfe - A. Metcalfe - - S. W. Whettem -	30	190	110	40	..	..	106	..	..	..
3629A	Bentinck Board School, Mill Lane.	1888	" -	T. G. Hughes - S. W. Whettem -	25	65	30	40	..	..	..	..	..	..
3629B	Arthur's Hill Board School, Snow Street.	1892	" -	D. McLaren, B.A.	65	65	..	..	..	..	65	..	..	..
3629C	Board School, Chillingham Road.	1895	" -	F. W. Richardson	15	15	..	..	..	..	10	..	..	..
3630	Royal Grammar School, Rye Hill.	1889	W. C. J. Shortt	J. Watson - - A. R. Laws - - P. W. Oscroft - W. Todd - - E. W. Bookey -	120	180	30	10	..	..	25	25	25	20
†365	*St. Cuthbert's Grammar School, 49, Bath Lane.*	*1888*	*Rev. H. F. Berry.*	*P. Humphries - J. W. Kelly - J. A. Ludlow -*	*90*	*104*	*49*	..	..	..	*34*	..	..	..

ENGLAND.

Theoretical Mechanics. *Fluids.* VIb.	Applied Mechanics. VII.	Sound, Light, and Heat. VIII.	Sound. VIIIa.	Light. VIIIb.	Heat. VIIIc.	Alternative Physics. A.VIII. & IX.	Magnetism and Electricity. IX.	Inorganic Chemistry (Theory). X. t.	Inorganic Chemistry (Practl.) X. p.	Organic Chemistry (Theory). XI. t.	Organic Chemistry (Practical). XI. p.	Geology. XII.	Mineralogy. XIII.	Human Physiology. XIV.	General Biology. XV.	Zoology. XVI.	Botany. XVII.	Principles of Mining. XVIII.	Metallurgy, Theory. XIX.	Metallurgy, Pracl. XIX. p.	Navigation. XX.	Nautical Astronomy. XXI.	Steam. XXII.	Physiography. XXIII.	Principles of Agriculture. XXIV.	Hygiene. XXV.
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ENGLAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Science.	I. Practical Plane & Solid Geometry.	II. Machine Construcⁿ & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	4A, 5.	6 & 7.	VIA. Theoretical Mechanics, Solids.
	NORTHUMBERLAND—*cont.*													
	NEWCASTLE-ON-TYNE—*cont.*													
†A3650	School of Science and Art, Rutherford College, Bath Lane.	1894	H. C. Smith	J. L. Moore G. T. Easten M. W. Delany F. W. Armstrong F. J. Maher C. Meumuir R. H. Jude, M.A., D.Sc. G. Smith D. Campbell W. G. Hogg J. King D. Low, B.Sc. J. Gerrie, M.A. W. McQuillen W. D. Oliver W. Lee W. T. Carr J. D. Best A. Pullan F. C. Swallow G. M. Morris W. Welch M. H. Bilsby	280	900	100	130	72	30	250	10	10	40
A3650A	North View, Heaton (Branch of School Science and Art, 3650).	1886	,,	J. Moore M. W. Delaney J. F. Carter L. J. Goudy W. H. Young J. A. Hall J. T. Sharples D. Low, B.Sc. D. Campbell J. Hogg J. H. Leighton	36	60	10	25	5	..	20	*	..	..
	NEW DELAVAL:													
3670	Colliery School	1895	J. Kyle	J. Skipsey	..	20	..	..	..	..	..	..	..	..
	NORTH SEATON COLLIERY:													
3615	Schools	1887	C. Graham	R. Nixon	..	25	..	..	..	..	..	..	..	..
	NORTH SHIELDS:													
631	Eastern Board School, East Percy Street.	1890	J. W. Lambton	J. E. Rose	..	15	..	..	..	..	..	..	..	..
3632	Jubilee Board School, Albion Road.	1889	,,	S. Park J. Dick J. D. Liddell A. Metcalfe G. T. Brown F. R. Laverick J. W. Wiles W. T. Hull D. Stephen R. Miller J. E. Lawrence T. R. Atkinson	100	100	10	40	30	15	20	..	..	10
3635	Science and Art Class, 9, Albion Road.	1882	H. Gibson	R. W. Liddell J. Heys T. F. Manson J. Weatherburn	90	60	6	20	12	..	30	..	..	..
3641	Presbyterian School, Howard Street.	1884	Rev. D. Tasker	G. Hurrell, B.A. S. Garson G. Vardy	..	48	..	16	..	..	12	..	..	..
	ROTHBURY:													
3669	Grammar School	1893	J. Taggart	J. Johnson J. W. Bell	..	12	..	..	..	..	..	..	..	..

Theoretical Mechanics, *Fluids*. VIb.	Applied Mechanics. VII.	Sound, Light, and Heat. VIII.	Sound. VIIIa.	Light. VIIIb.	Heat. VIIIc.	Alternative Physics. *A.* VIII. & IX.	Magnetism and Electricity. IX.	Inorganic Chemistry (Theory). X. *t.*	Inorganic Chemistry (Practl.) X. *p.*	Organic Chemistry (Theory). XI. *t.*	Organic Chemistry (Practical). XI. *p.*	Geology. XII.	Mineralogy. XIII.	Human Physiology. XIV.	General Biology. XV.	Zoology. XVI.	Botany. XVII.	Principles of Mining. XVIII.	Metallurgy, Theory. XIX.	Metallurgy, Pracl. XIX. *p.*	Navigation. XX.	Nautical Astronomy. XXI.	Steam. XXII.	Physiography. XXIII.	Principles of Agriculture. XXIV.	Hygiene. XXV.
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ENGLAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Science.	I. Practical Plane & Solid Geometry.	II. Machine Construcⁿ & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	4 & 5.	6 & 7.	VIA. Theoretical Mechanics. Solids.
	NORTHUMBERLAND —*cont.*													
	SEATON DELAVAL:													
3640	Colliery School	1886	J. T. Manderson.	J. Weatherburn	..	30	..	..	..	..	..	..	..	..
	TWEEDMOUTH:													
3605C	Boys' National School, Calf Close.	1893	J. Gray	J. Peacock	..	20	..	..	..	..	..	..	..	..
	WALKER-ON-TYNE:													
3653	Low Walker-on-Tyne, Mechanics' Institute, Church Street.	1888	W. J. Tipping	T. H. Watson, G. Vardy, W. M. L. Heckles, G. Wilson, W. Walker, J. Brown	..	*	..	*	..	*	*	..	..	..
	WALLSEND-ON-TYNE:													
3643	Athenæum, Station Road.	1884	W. M. Webster	W. Patterson, J. H. Anderson, F. Angus, J. King, A. Bradley, D. Stephen	30	100	20	25	6	12	..	..	..	..
	WILLINGTON QUAY:													
3644	Stephenson Memorial Schools.	1892	A. A. Robertson.	F. W. Corner	*	*	..	*	..	..	*	..	..	..
	NOTTINGHAMSHIRE.													
	AWSWORTH:													
3753	Board School, Church Street.	1894	F. Chambers	J. R. Place, J. E. Smith	12	10	10	..	..	..	..	..	..	..
	BESTWOOD PARK:													
3746	*Chemical Laboratory*	*1884*	*W. H. Lancaster.*	*G. F. Downar*	..	*6*	..	..	..	..	..	..	..	..
3746B	*Board School*	*1886*	„	*G. F. Downar*	..	*10*	..	..	..	..	..	..	..	..
	EASTWOOD:													
3743	National School, Church Street.	1880	J. Haslam	J. Sheldon	..	50	..	..	..	..	..	..	..	..
	HUCKNALL TORKARD:													
3741	*Board School, Butter's Hill.*	*1891*	*R. Rowe*	*F. Riley, A. P. Riley, J. E. Johnson*	*60*	*40*	*12*	..	..	..	..	..	..	..
	KEYWORTH:													
3739	*Board School*	*1891*	*G. H. Atkin*	*H. D. Neate*	*10*	*10*	*10*	..	..	..	..	..	..	..
	MANSFIELD:													
A3705	School of Science and Art, Mechanics' Institute, Queen Street.	1873	C. Manners	A. S. Buxton, F. Tomlinson	90	80	16	..	5	..	..	..	..	..
†3750	Queen Elizabeth's Grammar School, Chesterfield Road.	1891	W. Bryan	H. W. Major, G. M. Grace	..	3	..	..	..	..	1	..	..	1
3750A	Queen Elizabeth's Grammar School for Girls, Woodhouse Road.	1892	„	E. Barnes, H. Wildman, I. H. Jackson	76	90	..	..	..	..	45	..	..	..
†3751	Brunt's Technical Schools, Wodehouse Road.	1894	W. N. Sarll	C. E. Stacey, B.A.	..	80	..	..	..	..	..	..	..	..
	NETHERFIELD:													
3747	*Board School*	*1891*	*E. Browne*	*W. J. Hodgson*	..	*18*	*18*	..	..	..	..	..	..	..

ENGLAND.

Theoretical Mechanics, *Fluids.* VIB.	Applied Mechanics. VII.	Sound, Light, and Heat. VIII.	Sound. VIIIA.	Light. VIIIB.	Heat. VIIIC.	Alternative Physics. A.VIII. & IX.	Magnetism and Electricity. IX.	Inorganic Chemistry (Theory). X. *t.*	Inorganic Chemistry (Practl.) X. *p.*	Organic Chemistry (Theory). XI. *t.*	Organic Chemistry (Practical). XI. *p.*	Geology. XII.	Mineralogy. XIII.	Human Physiology. XIV.	General Biology. XV.	Zoology. XVI.	Botany. XVII.	Principles of Mining. XVIII.	Metallurgy, Theory. XIX.	Metallurgy, Pracl. XIX. *p.*	Navigation. XX.	Nautical Astronomy. XXI.	Steam. XXII.	Physiography. XXIII.	Principles of Agriculture. XXIV.	Hygiene. XXV.
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ENGLAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Total Number of Individual Students. Science.	I. Practical Plane & Solid Geometry.	II. Machine Construction & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	V. Pure Mathematics. Stages 4, 5.	V. Pure Mathematics. Stages 6 & 7.	VIA. Theoretical Mechanics. Solids.
	NOTTINGHAMSHIRE—*cont.*													
	NEWARK:													
A3707	School of Science and Art, Mechanics' Institute, Middlegate.	1879	Lieut.-Col. Nicholson.	C. Clayson E. Friend J. H. J. Friend	65	20	10	4	6	..	..	..	..	..
A3707A	St Mary's Rooms, Balderton Gate (Branch of School of Science and Art, 3707).	1887	"	C. Clayson E. Friend J. H. J. Friend	35	10	10	..	..	..	..	..	..	..
	NOTTINGHAM:													
3708	University College, Shakespeare Street.	1862	P. H. Stevenson.	J. J. Sudborough R. M. Caven G. Melland F. G. Taylor, M.A. F. W. Booker E. A. Smith F. H. Spenser J Westmoreland J. W. Carr, M.A. W. Wheatley J. Levy J. Movle W. Stafford E. H. Barton A. Hay, B.Sc. A. A. Jagger C. Lathom	..	320	30	80	60	..	45	10	10	20
3710	Holy Trinity Higher Grade Boys' School, Burton Street.	1888	Rev. P. Holbrook.	W. H. Cotterill G. Senior, B.A.	..	162	..	..	..	..	..	..	..	..
A3717	School of Science and Art, Waverley Street.	1843	H. A. Goodyer.	J. Harrison T. Barrett A. Phillips H. W. Foster T. Linnell O. Sheppard J. Sander J. H. Fletcher J. Knight A. G. Wright	660	20	20	..	..	..	..	..	..	..
A3717A	Board School, Brierley Street (Branch of School of Science and Art, 3717).	1887	"	J. Harrison A. W. L. Dixon W. E. Sands	65	..	..	..	..	..	..	..	..	..
A3717B	Scotholme Board School, Beaconsfield Street (Branch of School of Science and Art, 3717).	1889	"	J. Harrison T. Chamberlain M. A. Flowerdew E. Gillick	80	..	..	..	..	..	..	..	..	..
A3717C	Board School, St. Ann's, Well Road (Branch of School of Science and Art, 3717).	1888	"	J. Harrison L. Jones F. G. Dalby	55	..	..	..	..	..	..	..	..	..
A3717D	Southwark Board School, Old Basford (Branch of School of Science and Art, 3717).	1891	"	J. Harrison L. H. K. Johnson	20	..	..	..	..	..	..	..	..	..
†3719	Higher Grade Board School, Queen's Walk.	1889	W. J. Abel	A. Waite E. Kidson J. A. Humphris M. Bastow W. Boot L. D. Ashton B. Holmes H. S. Barker D. Stephenson J. S. Hardwick	..	160	25	30	25	..	..	..	..	..

ENGLAND.

Theoretical Mechanics, *Fluids*. VIB.	Applied Mechanics. VII.	Sound, Light, and Heat. VIII.	Sound. VIIIA.	Light. VIIIB.	Heat. VIIIC.	Alternative Physics. *A*.VIII. & IX.	Magnetism and Electricity. IX.	Inorganic Chemistry (Theory). X. *t*.	Inorganic Chemistry (Practl.). X. *p*.	Organic Chemistry (Theory). XI. *t*.	Organic Chemistry (Practical). XI. *p*.	Geology. XII.	Mineralogy. XIII.	Human Physiology. XIV.	General Biology. XV.	Zoology. XVI.	Botany. XVII.	Principles of Mining. XVIII.	Metallurgy, Theory. XIX.	Metallurgy, Pract. XIX. *p*.	Navigation. XX.	Nautical Astronomy. XXI.	Steam. XXII.	Physiography. XXIII.	Principles of Agriculture. XXIV.	Hygiene. XXV.
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ENGLAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Science.	I. Practical Plane & Solid Geometry.	II. Machine Construc^n & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	4A, 5.	6A, 7.	VIA. Theoretical Mechanics, Solids.
	NOTTINGHAMSHIRE —*cont.*													
	NOTTINGHAM—*cont.*													
3719A	Higher Grade Board School, Clarendon Street.	1890	W. J. Abel -	E. Kidson - J. A. Humphris - G. E. Harrison - G. H. Woollatt - H. S. Barker -	..	140	..	..	..	..	..	..	..	..
†*3722*	*Higher Grade Board School, High Pavement*	*1878*	„ -	*W. Hugh* - *C. B. Wood* - *G. E. Harrison* - *H. S. Barker* - *J. B. Coleman* -	*130*	*130*	*110*	..	..	..	30	..	..	..
3723	St. Mark's National School, Windsor Street.	1890	P. L. Lambert	W. H. Cotterill -	..	35	..	..	..	..	..	..	..	..
†3761	Higher Grade Board School, Huntingdon Street.	1888	W. J. Abel -	L. D. Ashton - B. Holmes - J. S. Hardwick -	..	58	14	..	24	..	..	..	..	..
3761A	Board (Evening) School, Alfreton Road.	1890	„ -	J. Moule - B. Holmes - J. S. Hardwick -	..	80	16	20	25	..	..	..	..	..
3763	All Saints' Higher Grade School, Forest Road, W.	1887	Rev. H. A. Gem.	W. Gaskell - A. Stanley -	130	130	..	..	..	..	28	..	..	..
3764	High School, Arboretum Street.	1894	E. H. Fraser -	F. P. Bird - S. R. Trotman - W. C. Trafford - W. H. Hodgson - A. E. Daniels - S. Corner - J. H. Crofts - W. E. Ryles -	60	60	..	..	..	..	20	4	2	20
†3769	People's College Boys' School, College Street.	1883	W. J. Abel	E. Francis - F. Tunaley - L. Stevenson - A. W. Bird - W. Bickerton - P. W. Evetts, B.A. E. Kidson - J. A. Humphris - G. E. Harrison - A. E. Ikins - H. S. Barker - W. Ringrose, B.A. -	35	310	30	..	..	..	120	..	..	14
3769A	People's College, Girls' School, The Ropewalk.	1888	„ -	F. Cartwright - A. R. Chamberlain - M. E. Tinsley - E. Kidson - J. A. Humphris -	25	90	..	..	..	..	..	..	..	..
	RETFORD:													
3731	Grammar School, London Road.	1882	J. G. Dimock	F. Sherwood - Rev. T. Gough, B.Sc. - R. D. Foster - A. Kidson, B.A. -	70	60	..	..	..	..	30	..	..	10
	SOUTHWELL:													
3729	Collegiate Grammar School, Church Street.	1892	H. E. Greatorex	A. W. L. Dixon - Rev. J. S. Wright, B.A. - A. A. Jagger - E. F. W. Mondy	20	20	..	..	..	..	20	..	..	..
	STAPLEFORD:													
3741	Board School, Church Street.	1885	P. Scattergood, Jun.	G. Spencer -	20	15	..	..	..	..	15	..	..	..
	SUTTON BONNINGTON:													
3732	National School, Main Street.	1892	Rev. E. S. Taylor.	W. R. Burrows -	24	20	20	..	..	.	..	..	..	..

ENGLAND.

VIb. Theoretical Mechanics, *Fluids*.	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	VIIIa. Sound.	VIIIb. Light.	VIIIc. Heat.	*A.* VIII. & IX. Alternative Physics.	IX. Magnetism and Electricity.	X. *t.* Inorganic Chemistry (Theory).	X. *p.* Inorganic Chemistry (Practl.).	XI. *t.* Organic Chemistry (Theory).	XI. *p.* Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Human Physiology.	XV. General Biology.	XVI. Zoology.	XVII. Botany.	XVIII. Principles of Mining.	XIX. Metallurgy, Theory.	XIX. *p.* Metallurgy, Pracl.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.	XXV. Hygiene.
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ENGLAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Science.	I. Practical Plane & Solid Geometry.	II. Machine Construction & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	4 & 5.	6 & 7.	VIA. Theoretical Mechanics, Solids.
	NOTTINGHAMSHIRE —cont.													
	WORKSOP:													
3734	St. John's Girls' School, Eastgate.	1892	Rev. W. F. Boot.	J. T. Shardlow	..	10	..	10	..	..	..	..	..	..
3735	Old Library, Welbeck Abbey.	1895	Lady Ottoline Cavendish-Bentinck.	T. H. Pennington	24	12	12	..	..	..	..	..	..	..
	OXFORDSHIRE.													
	BANBURY:													
†A3810	School of Science and Art, The Municipal School, Marlborough Road.	1884	W. L. Whitehorn.	S. H. Beale, U. Bates, W. E. Mills, P. E. Galpin, J. E. Thorpe, E. W. Symons, M.A.	200	150	25	40	40	..	20	..	..	..
	BURFORD:													
†3804	Grammar Sch., Church Green.	1891	H. G. Wood	F. W. Lea, B.Sc.	..	16	..	..	..	..	..	..	..	..
	CHARLBURY:													
3805	Board School, Playing Close.	1890	G. Morris	H. E. Close	..	16	..	..	..	..	..	..	..	..
	CULHAM (NEAR ABINGDON):													
3813	Culham College Practising School.	1887	Rev. F. C. Clutterbuck.	A. R. Cole	..	9	..	..	..	..	..	..	..	..
	HENLEY-ON-THAMES:													
3816	Technical School, Duke Street.	1892	J. F. Cooper	T. W. Cole, E. G. Bryant	40	35	10	..	..	..	..	..	..	..
	OXFORD:													
A3821	School of Science and Art, City Technical School, Church Street, St. Ebbe's.	1865	J. H. Salter, J.P.	A. Macdonald, B. H. Price, P. J. Bayzand, W. Howe, F. Naab, A. F. Kerry, M.A., T. M. Kenney, F. J. Draper, G. Allibone, W. J. Wake, H. Baker, H. E. W. Phillips	150	200	30	..	50	..	15	..	..	..
3821A	The Schoolroom, Cherwell Street, St. Clements.	1892	"	P. J. Bayzand	40	10	10	..	..	..	..	..	..	..
†3827	City Science School, New Inn Hall Street.	1878	"	—	..	..	..	..	..	..	..	..	..	..
3821C	*Clarendon Press Institute, Walton Street.*	*1889*	"	*H. E. W. Phillips*	..	*25*	..	..	..	..	..	..	..	..
3824	*St. Ebbe's School, Paradise Square.*	*1891*	*Rev. J. Arkell*	*W. Howe, F. Naab*	*40*	*30*	*30*	..	..	..	..	..	..	..
	SIBFORD FERRIS:													
3817	*Friends School*	*1885*	*R. L. Rowth*	*S. H. Beale*	*70*	*30*	*30*	..	..	..	..	..	..	..
	THAME:													
3836	Lord Williams' Grammar School, Oxford Road.	1895	B. Sharp	F. C. Britten, B.A., R. J. Escreet	..	21	..	..	..	..	18	..	..	..

ENGLAND.

Theoretical Mechanics, *Fluids.* VIb.	Applied Mechanics. VII.	Sound, Light, and Heat. VIII.	Sound. VIIIa.	Light. VIIIb.	Heat. VIIIc.	Alternative Physics. A.VIII. & IX.	Magnetism and Electricity. IX.	Inorganic Chemistry (Theory). X. t.	Inorganic Chemistry (Practl.) X. p.	Organic Chemistry (Theory). XI. t.	Organic Chemistry (Practical). XI. p.	Geology. XII.	Mineralogy. XIII.	Human Physiology. XIV.	General Biology. XV.	Zoology. XVI.	Botany. XVII.	Principles of Mining. XVIII.	Metallurgy, Theory. XIX.	Metallurgy, Pract. XIX. p.	Navigation. XX.	Nautical Astronomy. XXI.	Steam. XXII.	Physiography. XXIII.	Principles of Agriculture. XXIV.	Hygiene. XXV.
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ENGLAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Total Number of Individual Students. Science.	I. Practical Plane & Solid Geometry.	II. Machine Construc^n & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, & 3.	V. Pure Mathematics. Stages 4 & 5.	V. Pure Mathematics. Stages 6 & 7.	VI. Theoretical Mechanics, Solids.
	OXFORDSHIRE— *cont.*													
3830	WITNEY: Wesleyan Day School, High Street.	1890	P. Elford, M.A.	J. C. Sims; F. Hayter; C. Smith; F. Carter; A. M. Smitheman; W. Pullen	6	50	5	..	..	..	10	..	..	..
3830A	*Grammar School, Church Green.*	*1894*	*A. J. Marriott*	*A. F. Walden*	*20*	*20*	..	..	..	..	..	..	..	..
	RUTLANDSHIRE.													
3872	OAKHAM: *National School, Church Street.*	*1892*	*S. D. Bennett*	*J. C. Kernick*	*30*	..	..	..	..	..	..	..	..	..
	SHROPSHIRE.													
3915	BRIDGNORTH: Literary Institute, New Market Buildings, Postern Gate.	1882	A. S. Trevor	J. E. Hartshorne; J. A. Hartshorne	60	..	..	..	..	..	..	..	..	..
A3901B	BROSELEY: National Sch. (Branch of School of Science and Art).	1891	I. Dunbar	W. H. Gates; H. E. Clark	30	6	6	..	..	..	..	..	..	..
3918	CLEOBURY MORTIMER: The College, Main Street.	1890	W. Rose	J. Davis, B.A.; H. Felce	40	40	..	..	..	..	30	..	..	..
A3901	COALBROOKDALE: School of Science and Art, Literary and Scientific Institute.	1856	I. Dunbar	W. H. Gates; E. R. Hartshorne; J. Grainger	80	20	12	20	..	..	..	..	..	..
3919	CRAVEN ARMS: *Temperance Hall, Reading Room.*	*1894*	*Rev. J. D. La Touche.*	*T. W. Mountford*	*33*	*20*	*20*	..	..	..	..	..	..	..
A3901E	DAWLEY: Assembly Rooms (Branch of School of Science and Art).	1892	I. Dunbar	W. H. Gates; A. Phillips	40	4	4	..	..	..	..	..	..	..
3925	DONNINGTON: Workmen's Hall, Station Road.	1882	M. Mildred	R. J. Milbourne	..	24	..	24	..	..	..	..	..	..
3935	ELLESMERE: Boys' National School, Wharf Road.	1894	H. J. E. Peake	C. Brown	20	4	*	..	*	..	* ..	..	..	..
3923	HADLEY: Wesleyan Schools, High Street.	1881	R. L. Corbett	F. T. Jones	12	16	6	..	..	..	..	..	..	..
A3901J	HORSEHAY: Little Wenlock Mission Room (Branch of School of Science and Art).	1894	I. Dunbar	W. H. Gates; T. C. Rowley	20	4	4	..	..	..	..	..	..	..

ENGLAND.

Theoretical Mechanics, *Fluids.* VIb.	Applied Mechanics. VII.	Sound, Light, and Heat. VIII.	Sound. VIIIa.	Light. VIIIb.	Heat. VIIIc.	Alternative Physics. A.VIII. & IX.	Magnetism and Electricity. IX.	Inorganic Chemistry (Theory). X. *t.*	Inorganic Chemistry (Practl.) X. *p.*	Organic Chemistry (Theory). XI. *t.*	Organic Chemistry (Practical). XI. *p.*	Geology. XII.	Mineralogy. XIII.	Human Physiology. XIV.	General Biology. XV.	Zoology. XVI.	Botany. XVII.	Principles of Mining. XVIII.	Metallurgy, Theory. XIX.	Metallurgy, Pract. XIX. *p.*	Navigation. XX.	Nautical Astronomy. XXI.	Steam. XXII.	Physiography. XXIII.	Principles of Agriculture. XXIV.	Hygiene. XXV.
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ENGLAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Science.	I. Practical Plane & Solid Geometry.	II. Machine Construc. & Drawing.	III. Building Construction.	IV. Naval Architecture.	V.			VI.
	SHROPSHIRE—*cont.*													
	IRONBRIDGE:													
A3901D	Church Schools (Branch of School of Science and Art).	1891	I. Dunbar	W. H. Gates; G. W. Shepherd	20	10	10	..	..	..	..	..	..	..
	JACKFIELD:													
A3901E	Church School (Branch of School of Science and Art).	1893	"	W. H. Gates; G. W. Shepherd	24	10	10	..	..	..	..	..	..	..
	LUDLOW:													
3910	Grammar School, Mill Street.	1892	J. H. Williams	J. Palmer; J. Barker	60	..	..	..	..	..	..	..	..	..
	MADELEY:													
A3901F	National School (Branch of School of Science and Art), Church Street.	1892	I. Dunbar	W. H. Gates; A. Bowdler	40	6	6	..	..	..	..	..	..	..
3904	Wesleyan School, Court Street.	1888	J. W. White	H. W. Thomas	..	20	..	..	..	..	..	..	..	..
	MUCH WENLOCK:													
A3901G	National School (Branch of School of Science and Art)	1892	I. Dunbar	W. H. Gates; F. J. Danks	20	4	4	..	..	..	..	..	..	..
	NEWPORT:													
3927	Grammar School, High Street.	1890	H. G. W. Elliott.	F. Harris; R. J. Milbourne	50	..	..	..	..	..	..	..	..	..
3927A	National School	1895	"	R. J. Milbourne	..	17	..	..	17	..	..	..	..	..
	OAKENGATES:													
3931	Coffee Palace, Assembly Rooms, Market Street.	1891	R. L. Corbett	F. A. Snow; J. F. Clementson; T. F. Watkiss	50	15	..	..	..	..	..	..	..	..
	OSWESTRY:													
3906	Guildhall, Bailey Head	1875	E. Bremner-Smith.	C. Brown; J. P. Coole	110	20	8	10	..	..	..	..	..	..
	ST. GEORGE'S:													
3931B	Girls' Board School, Gower Street.	1891	R. L. Corbett	W. H. Corner; E. T. Owen; J. R. Wade	40	30	15	15	..	..	..	..	..	..
	SHIFNAL:													
3934	National School	1893	T. E. Clarke	F. A. Snow	40	..	..	..	..	..	..	..	..	..
	SHREWSBURY:													
A3903	School of Science and Art, Vaughan's Mansions, College Hill.	1855	F. Goyne	C. Cortissos; L. A. Holder; A. P. Harrison; T. P. Blunt	150	50	10	..	..	..	27	..	..	..
	WELLINGTON:													
3929	The College, Constitution Hill.	1888	J. W. Littlewood.	H. O. Knight	..	50	..	..	..	..	..	..	..	..
3929A	National School, Constitution Hill.	1891	"	G. W. Shepherd; H. T. Farmer; J. G. Hamlet, B.A.; A. S. Henwood, B.A.	80	80	20	..	..	..	50	..	..	..
	WROCKWARDINE WOOD:													
3931A	*Boys' Board School*	*1891*	*R. L. Corbett*	*J. Ramsell*	*25*	*15*	*15*	..	..	..	..	..	..	..
	SOMERSETSHIRE.													
	AXBRIDGE:													
†4004	Sidcot School, Sidcot	1891	C. Burcham	A. Lewis; F. M. Walker	40	..	..	..	..	..	..	..	..	..

ENGLAND

Theoretical Mechanics, *Fluids*. VIb.	Applied Mechanics. VII.	Sound, Light, and Heat. VIII.	Sound. VIIIa.	Light. VIIIb.	Heat. VIIIc.	Alternative Physics. A.VIII. & IX.	Magnetism and Electricity. IX.	Inorganic Chemistry (Theory). X. *t*.	Inorganic Chemistry (Practl.). X. *p*.	Organic Chemistry (Theory). XI. *t*.	Organic Chemistry (Practical). XI. *p*.	Geology. XII.	Mineralogy. XIII.	Human Physiology. XIV.	General Biology. XV.	Zoology. XVI.	Botany. XVII.	Principles of Mining. XVIII.	Metallurgy, Theory. XIX.	Metallurgy, Pract. XIX. *p*.	Navigation. XX.	Nautical Astronomy. XXI.	Steam. XXII.	Physiography. XXIII.	Principles of Agriculture. XXIV.	Hygiene. XXV.
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	SOMERSETSHIRE—*cont.*													
	BATH:													
A4001	School of Science and Art and Technical Schools, Paragon.	1851	A. G. Day -	F. Griffin - H. D. Richter - J. J. Witcombe - S. A. Neate -	100	..	..	..	..	..	..	..	..	..
A4002	Victoria Room, The Corridor (Branch of School of Art, 4001).	1889	" -	F. Griffin - H. D. Richter - J. J. Witcombe -	150	..	..	..	..	..	..	..	..	..
4006	City Laboratory, 36, Broad Street.	1879	" -	J. W. Gatehouse -	..	40	..	..	..	..	..	..	..	..
4037	Technical School, 19, Green Park.	1892	" -	S. J. M. Pearce - J. J. Witcombe - E. Baggs - E. W. Tovey - W. D. Bavin - C. Kaye -	80	150	10	40	35	..	25	..	..	20
	BRIDGWATER:													
A4011	School of Science and Art, Art and Technical Schools, Lonsdale House, Blake Street.	1892	A. B. Cottam -	J. W. Comley - J. H. Poole - P. Henderson -	160	20	12	..	10	..	..	..	..	.
	BRUTON:													
†4016A	*Sexey's Trade School* -	*1892*	*W. Pearce* -	*W. A. Knight* -	*53*	*53*	*32*	..	..	..	*53*	..	..	..
	BURNHAM:													
4015	National School, Esplanade.	1893	H. Cox - -	W. H. May - -	25	..	..	..	..	..	..	..	..	..
	CLEVEDON:													
4009	Public Hall, Albert Road.	1891	E. Button -	J. Kemp - E. H. Light -	30	10	..	10	10	..	..	..	..	..
	CORFE:													
4066	Parochial School -	1895	Rev. T. Crump	G. Turner - -	..	12	..	..	..	..	..	..	..	..
	CREWKERNE:													
4055	Boys' National School, West Street.	1891	C. W. Haslock	A. Champ - -	12	12	12	..	..	..	..	..	..	..
	FROME:													
4017	Science and Art Class, Literary Institute, North Parade.	1865	W. R. Kent -	W. G. Collins -	100	45	..	*	*	..	..	..	..	..
	GLASTONBURY:													
4019	Town Hall, The Museum, Magdalene Street.	1884	W. Tully -	G. Pritchard -	36	12	12	3	6	..	..	..	..	..
	HIGHBRIDGE:													
4015A	St. John's School, Church Street.	1893	H. Cox - -	H. D. Pitts - S. G. B. Ward -	15	18	18	..	..	..	..	..	..	..
	ILMINSTER:													
4022	Grammar School for Boys, Silver Street.	1876	J. C. Baker -	R. J. W. Davison, B.A. - F. P. Wilde, B.A. C. Cargill -	..	35	6	..	..	..	26	..	..	2
4022A	Grammar School for Girls, Church Path.	1898	" -	E. C. Sumner, LL.A. - F. E. Flack -	*	*	..	..	..	..	12	..	..	6
	LANGPORT:													
4051	Grammar School, The Hill.	1894	F. Meade	E. W. Smith - W. Cammack -	22	16	4	..	..	..	16	..	..	10

ENGLAND.

Theoretical Mechanics, *Fluids*. VIb.	Applied Mechanics. VII.	Sound, Light, and Heat. VIII.	Sound. VIIIa.	Light. VIIIb.	Heat. VIIIc.	Alternative Physics. *A*.VIII. & IX.	Magnetism and Electricity. IX.	Inorganic Chemistry (Theory). X. *t*.	Inorganic Chemistry (Practl.) X. *p*.	Organic Chemistry (Theory). XI. *t*.	Organic Chemistry (Practical). XI. *p*.	Geology. XII.	Mineralogy. XIII.	Human Physiology. XIV.	General Biology. XV.	Zoology. XVI.	Botany. XVII.	Principles of Mining. XVIII.	Metallurgy, Theory. XIX.	Metallurgy, Pract. XIX. *p*.	Navigation. XX.	Nautical Astronomy. XXI.	Steam. XXII.	Physiography. XXIII.	Principles of Agriculture. XXIV.	Hygiene. XXV.
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ENGLAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Science.	I. Practical Plane & Solid Geometry.	II. Machine Construct. & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	4 A & 5.	6 & 7.	VI A. Theoretical Mechanics, Solids.
	SOMERSETSHIRE —*cont.*													
	SHEPTON MALLET:													
4028	National School, Waterloo Road.	1891	W. Clarke	H. Dibdin; G. H. Mitchell	30	..	..	..	..	..	..	..	..	..
	STRATTON-ON-THE-FOSSE:													
4059	The National School	1856	Miss H. C. R. Hyatt.	J. Bunker	15	..	..	..	..	..	..	..	..	..
	TAUNTON:													
4013	*Bishop Fox's Girls' School, 20, The Crescent.*	*1893*	*F. Meyler*	*R. Lake, LL.A.; C. Rowe*	*60*	*30*	..	..	..	..	..	..	..	..
▲4032	School of Science and Art, Victoria Rooms, The Parade.	1856	V. Hare	F. Mason; A. Champ; M. E. Eaton	150	..	..	..	..	..	..	..	..	..
4053	Technical Institute, 43, Upper High Street.	1891	H. S. Dale	C. J. Leaper	..	38	..	..	..	..	16	..	..	..
4038	Huish School, East Street.	1893	J. H. B. Pinchard.	E. Carter; C. R. Humphrey; T. F. Rutter, B.Sc.; H. W. H. Dobbins	52	60	..	..	..	..	43	..	..	17
	WELLINGTON:													
4072	Art and Technical School, Courtland Road.	1882	W. S. Price	A. J. T. Ogden; J. Rowe	50	8	8	..	..	..	..	..	..	..
4072A	West Somerset County School, South Street.	1884	"	J. O. Beuttler, M.A.; H. Anderson	..	30	30	..	..	..	30	..	..	..
	WELLS:													
4031	*Wells Girls' Blue School, Portway.*	*1891*	*R. L. Foster*	*W. J. C. Pinton; F. Orme*	*25*	*10*	*10*	..	..	..	..	..	..	..
4064	The Studio, High Street	1894	C. Brown	J. H. Poole	10	3	3	..	..	..	..	..	..	..
	WESTON-SUPER-MARE:													
▲4048	School of Science and Art, Church Road.	1882	W. H. Wooler	W. G. Knight; M. Page; F. E. Hiley; H. T. R. St. John Toyner; E. H. Light; T. Gardner; C. E. Frank	150	70	15	6	15	..	..	..	..	..
	WILLITON:													
4035A	Church Schoolroom, Bridge Street.	1891	W. H. Farrar	A. Champ	20	4	20	..	..	..	..	..	..	..
	WINCANTON:													
4063	Pine House School, High Street.	1894	T. D. Shan	W. H. Bracker; J. C. Simpson	..	15	..	..	..	..	..	..	..	..
4063A	National School, North Street.	1894	"	H. Ralph	20	..	..	..	..	..	..	..	..	..
	WIVELISCOMBE:													
4061	Technical Institute, High Street.	1891	W. Lockett	A. Champ	9	3	3	..	..	..	..	..	..	..
	YATTON:													
4043	National School	1891	T. A. Smith	J. J. Lovell	20	..	..	..	..	..	..	..	..	..
	YEOVIL:													
4046	Victoria Hall, South Street.	1889	E. Howell	G. Pritchard	60	10	6	2	2	..	..	..	..	..
4050	Hendford School, South Street.	1891	A. J. Goodford	G. Pritchard	12	6	6	..	..	..	..	..	..	..

ENGLAND.

Theoretical Mechanics, *Fluids*. VIb.	Applied Mechanics. VII.	Sound, Light, and Heat. VIII.	Sound. VIIIa.	Light. VIIIb.	Heat. VIIIc.	Alternative Physics. *A*.VIII. & IX.	Magnetism and Electricity. IX.	Inorganic Chemistry (Theory.) X. *t*.	Inorganic Chemistry (Practl.) X. *p*.	Organic Chemistry (Theory). XI. *t*.	Organic Chemistry (Practical). XI. *p*.	Geology. XII.	Mineralogy. XIII.	Human Physiology. XIV.	General Biology. XV.	Zoology. XVI.	Botany. XVII.	Principles of Mining. XVIII.	Metallurgy, Theory. XIX.	Metallurgy, Pracl. XIX. *p*.	Navigation. XX.	Nautical Astronomy. XXI.	Steam. XXII.	Physiography. XXIII.	Principles of Agriculture. XXIV.	Hygiene. XXV.
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ENGLAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Science.	I. Practical Plane & Solid Geometry.	II. Machine Construction & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	4 & 5.	6 & 7.	VIA. Theoretical Mechanics, Solids.
	STAFFORDSHIRE.													
	BILSTON:													
4108	Public Library Buildings, Town Hall.	1890	T. Skemp	C. Gregory	25	4	4	..	..	..	..	..	..	..
4108A	Technical School, Market Street.	1892	"	A. Blake; W. Hutchinson; R. Lyster, B.Sc.; W. Norton; A. G. Williams, B.A.	..	85	..	15	..	..	30	..	..	..
	BLOXWICH:													
4188A	Board School, Elmore Green.	1894	C. Keyte	J. H. Thornhill; J. S. Lawton	25	15	..	..	..	..	..	..	..	..
	BRIERLEY HILL:													
4114	Technical School, Albion Street.	1870	Rev. B. D. Morris.	A. Gibbons; E. Jones; A. McWilliam	100	40	24	20	..	..	..	..	..	..
	BURSLEM:													
A 4116	*School of Science and Art, Wedgwood Institute, Queen Street.*	*1869*	*W. T. Emery*	*G. Theaker; H. Brampton; M. S. Pickering; A. M. Theaker; J. Podmore*	*200*	*130*	*60*	*30*	*20*	..	*35*	..	..	*10*
4119	*Wesleyan School, Swan Square.*	*1886*	*F. M. Julian*	*J. S. Gowshall*	..	*40*	..	..	..	..	..	..	..	..
	BURTON-ON-TRENT:													
A 4120	School of Science and Art, The Institute, Union Street.	1874	S. T. W. Grose	H. A. Lawson; E. H. Lawton; A. J. Walker, B.Sc.; J. Mills, B.A.; S. J. Fisher	120	120	36	..	12	..	20	3	..	6
4123	Higher Grade Board School, Guild Street.	—	J. M. Graham	A. E. Bateman; F. E. Morris; A. J. Walker; A. Harlowe; E. Evans; G. I. S. Hollister; A. W. Butterfield	..	315	10	..	..	..	106	..	..	..
4125	Science and Art Class, Guild Street.	1891	G. Simmonds	J. Whitehead	55	25	5	..	3	..	..	..	..	..
	CANNOCK:													
4257A	Walsall Road Board Schools, Walhouse Street.	1894	J. Simkin	G. J. Sershall; G. P. Sershall; G. W. Clayton; W. J. Gwyther	40	22	..	..	..	..	..	..	..	..
	CHEADLE:													
4127	Monkhouse School, The Monkhouse.	1886	T. B. Cull	D. Hancox	24	12	•	..	..	..	•	..	..	..
	DARLASTON:													
4249	Free Library Buildings, Victoria Road.	1893	J. Corbett	E. H. Wilkes; H. M. Waynforth	20	10	..	10	..	..	..	..	..	..
	ECCLESHALL:													
4134	Church Lodge, High Street.	1895	Dr. H. W. Gosse.	F. Harris	12	..	..	..	..	..	..	..	..	..
	FENTON:													
A 4230	School of Science and Art, Technical School, High Street.	1890	R. C. Lindop	W. Morse	85	..	..	..	..	..	..	..	..	..
4230A	*Laboratory, Town Hall, Church Street.*	*1894*	"	*H. E. Brothers*	..	*5*	..	..	..	..	*5*	..	..	..

ENGLAND.

Theoretical Mechanics, *Fluids*. VIb.	Applied Mechanics. VII.	Sound, Light, and Heat. VIII.	Sound. VIIIa.	Light. VIIIb.	Heat. VIIIc.	Alternative Physics. A.VIII. & IX.	Magnetism and Electricity. IX.	Inorganic Chemistry (Theory). X. *t.*	Inorganic Chemistry (Practl.) X. *p.*	Organic Chemistry (Theory). XI. *t.*	Organic Chemistry (Practical). XI. *p.*	Geology. XII.	Mineralogy. XIII.	Human Physiology. XIV.	General Biology. XV.	Zoology. XVI.	Botany. XVII.	Principles of Mining. XVIII.	Metallurgy, Theory. XIX.	Metallurgy, Pracl. XIX. *p.*	Navigation. XX.	Nautical Astronomy. XXI.	Steam. XXII.	Physiography. XXIII.	Principles of Agriculture. XXIV.	Hygiene. XXV.
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ENGLAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Science.	I. Practical Plane & Solid Geometry.	II. Machine Construcⁿ & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	4 & 5.	6 & 7.	VIA. Theoretical Mechanics. *Solids.*
	STAFFORDSHIRE—*cont.*													
	FIVE WAYS:													
4257B	Board School, Heath Hayes, Wimblebury Road.	1893	J. Simkin -	G. W. Clayton - ; W. J. Gwyther -	..	22	..	..	..	..	..	..	..	..
	HANDSWORTH:													
A4104	School of Science and Art, Technical School, Soho Road.	1893	H. Ward -	A. Shuttleworth - ; W. Keey - - ; C. O'Brien - - ; A. R. Green, B.A. ; A. Fellows - - ; A. J. Jackson -	170	80	40	35	10	..	12	..	..	..
	HANLEY:													
A4141	School of Science and Art, Pall Mall.	1847	E. J. Daniel -	S. J. Cartlidge - ; W. Mills - - ; W. Hodgkinson - ; G. S. Crawford - ; J. E. Simpson -	300	30	20	10	..	..	..	..	..	..
4142	Municipal Science and Technical School, Free Library, Pall Mall.	1871	K. P. Beck -	J. A. Audley, B.Sc. - - - ; H. C. Ridding -	..	80	..	..	..	..	15	..	..	6
†4221	Higher Grade Board School, Old Hall St.	1894	A. Smith -	—	*	*	..	..	..	..	..	..	..	..
	HARBORNE:													
A4218	School Board School, High Street (Branch of Birmingham School of Science and Art, 4744).	1891	E. Preston-Hytch.	E. R. Taylor - ; C. Morgan - - ; O. E. Gollins - ; R. H. Turner -	100	20	20	..	..	..	..	..	..	..
	HEDNESFORD:													
4257	West Hill Board Schools.	1894	J. Simkin -	G. J. Sershall - ; G. F. Sershall - ; G. W. Clayton - ; W. J. Gwyther -	40	22	..	..	..	..	..	..	..	..
	LEEK:													
A4148	School of Science and Art, Nicholson Institute, 2, Stockwell Street.	1875	C. Henshaw -	W. Craigmile - ; W. K. Parkes - ; H. C. Ridding - ; J. J. Sykes - - ; W. H. H. Eaton	106	80	18	6	10	..	20	..	..	..
	LICHFIELD:													
4150	Dam Street School -	1873	J. H. Hodson	G. J. Sershall - ; R. H. Hume, M.A.	50	20	..	..	..	..	..	..	..	..
	LONGTON:													
4149	Pupil Teachers' School, Cooke Street.	1895	J. E. Smith -	J. R. Higson - ; J. M. Phillips -	50	50	..	..	..	..	..	..	..	..
4151	Endowed School, Trentham Road.	1891	G. E. Farmer	T. S. Hulme, B.A. ; E. Haigh, M.A. B.Sc. - - ; W. H. Barker, B.Sc. - - -	40	70	..	..	..	..	*	..	..	..
4153	Florence Board School, Lillieshall Street.	1889	W. T. Cope -	W. C. French - ; H. E. Baxter -	80	20	20	..	..	..	..	..	..	..
4153A	S. Gregory's School, Spring Gardens Road.	1892	" -	J. Cummins -	..	25	..	..	..	..	..	..	..	..
4153B	Court House, Commerce Street.	1895	" -	W. Bailes - -	..	20	..	..	..	..	..	..	..	..
4153C	Board Schools, High Street.	1895	" -	A. E. L. Raye -	..	10	..	..	..	..	10	..	..	..
424	Longton Corporation Advanced Art Class, Board Schools, Grafton Road.	1879	" -	W. Morse - -	50	..	..	..	..	..	..	..	..	..

ENGLAND.

VIb. Theoretical Mechanics, *Fluids*.	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	VIIIa. Sound.	VIIIb. Light.	VIIIc. Heat.	*A*.VIII. & IX. Alternative Physics.	IX. Magnetism and Electricity.	X. *t*. Inorganic Chemistry (Theory).	X. *p*. Inorganic Chemistry (Practl.)	XI. *t*. Organic Chemistry (Theory).	XI. *p*. Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Human Physiology.	XV. General Biology.	XVI. Zoology.	XVII. Botany.	XVIII. Principles of Mining.	XIX. Metallurgy, Theory.	XIX. *p*. Metallurgy, Pracl.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.	XXV. Hygiene.
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ENGLAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Science.	I. Practical Plane & Solid Geometry.	II. Machine Construcⁿ & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	4 & 5.	6 & 7.	VIA. Theoretical Mechanics, *Solids.*
	STAFFORDSHIRE—*cont.*													
	NEWCASTLE - UNDER - LYME:													
A4154	School of Science and Art, Municipal Buildings, Ironmarket.	1853	J. G. Knight -	C. H. Whitworth, G. Fernyhough -, G. Griffiths - -	91	25	25	..	..	..	..	..	..	..
4155	Board School, Hassell Street.	1877	R. Fenton -	G. Fernyhough -, G. Griffiths - -, E. Barlow - -	220	..	..	..	..	..	..	..	..	..
	OAKAMOOR:													
4202	Infant School, High Street, Oakamoor Mills.	1893	T. A. Mills -	D. O. S. Davies, B.Sc.	..	15	..	..	..	..	*	..	..	..
4203	St. Wilfred's College -	1893	B. Robinson, L.R.C.P.	T. McGann - -	35	50	..	..	..	..	50	..	..	25
	OLD HILL:													
4259	*Rowley Regis Board School, Mace Street.*	*1894*	*D. Wright* -	*A. McWilliam* -	..	*45*	..	..	..	..	..	..	..	..
	SMETHWICK:													
4167	*Central Board Schools (Technical School), Crockett's Lane.*	*1883*	*B. G. Walker*	*C. Wimpress* -, *A. Smith* - -, *P. Swinchatt* -, *S. D. Jones* - -, *W. A. Bennett* -, *H. Walker* - -, *A. R. Green* -, *A. J. Menzies* -, *R. Lyster* - -, *J. Fielden* - -, *G. H. Harris* -, *G. T. Phillips* -, *T. V. Roberts* -, *T. S. Lones* -, *F. Cann* - -	*50*	*170*	*20*	*70*	*30*	..	*10*	..	..	..
	STAFFORD:													
A4168	School of Science and Art, Borough Hall, Eastgate Street.	1874	T. Jackson -	T. S. Lones - -, A. Walklate -	145	..	..	..	..	..	..	..	..	..
4168A	Crabbery Hall, Crabbery Street.	1891	" -	J. McRae - -	..	40	..	40	..	..	..	..	..	..
	STOKE-ON-TRENT:													
A4173	School of Science and Art, Minton Memorial Buildings, Eldon Place, London Road.	1885	J. B. Ashwell	F. R. Wooldridge, J. Willdig - -, C. B. Wood - -, G. Boullemier -, W. Hind, M.D., B.Sc. - -, W. T. B. Ridge -, T. M. Parry -, B. Stanway -, P. H. Mather -, J. Cummins -, W. Bailes - -	160	110	..	..	..	..	12	..	..	..
	STONE:													
4176	Mechanics' Institute, Town Hall, High Street.	1889	E. Crisp - -	J. W. Bradburn -, A. Bradbury -	50	10	10	..	..	..	..	..	..	..
	TAMWORTH:													
4177A	Baths and Institution, Church Street.	1886	Rev. W. Macgregor.	M. H. Woolhouse, E. M. Woolhouse	60	6	6	..	..	..	..	..	..	..
4178	Grammar School -	1888	" -	M. H. Woolhouse, R. A. Lyster -	40	40	..	..	..	..	..	..	..	..
	TIPTON:													
4183	Dudley Port Board School.	1893	J. W. Waring	A. McWilliam -	..	15	..	..	..	..	..	..	..	..
4183A	Tipton Green Board School.	1893	" -	G. T. Aston, B.A., W. R. Evans -	..	40	..	20	..	..	..	..	..	..

ENGLAND.

Theoretical Mechanics, *Fluids*. VIB.	Applied Mechanics. VII.	Sound, Light, and Heat. VIII.	Sound. VIIIA.	Light. VIIIB.	Heat. VIIIC.	Alternative Physics. *A.*VIII. & IX.	Magnetism and Electricity. IX.	Inorganic Chemistry (Theory). X. *t.*	Inorganic Chemistry (Practl.). X. *p.*	Organic Chemistry (Theory). XI. *t.*	Organic Chemistry (Practical). XI. *p.*	Geology. XII.	Mineralogy. XIII.	Human Physiology. XIV.	General Biology. XV.	Zoology. XVI.	Botany. XVII.	Principles of Mining. XVIII.	Metallurgy, Theory. XIX.	Metallurgy, Pract. XIX. *p.*	Navigation. XX.	Nautical Astronomy. XXI.	Steam. XXII.	Physiography. XXIII.	Principles of Agriculture. XXIV.	Hygiene. XXV.
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ENGLAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Science.	I. Practical Plane & Solid Geometry.	II. Machine Construcn & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	4 & 5.	6 & 7.	VI A. Theoretical Mechanics, *Solids.*
	STAFFORDSHIRE—*cont.*													
	TUNSTALL:													
A4182	School of Science and Art, Victoria Institute, Station Road.	1890	J. L. Torr	S. J. Cartlidge F. Jahn W. T. B. Ridge F. Cope	130	60	10	..	..	..	..	..	..	..
	UTTOXETER:													
4254	Alleyne's Grammar School, Dove Bank.	1892	S. R. Fletcher	G. R. Rigby D. O. S. Davies, B.Sc.	40	30	5	..	..	..	20	..	..	..
	WALSALL:													
A4188	School of Science and Art, The Victoria Institute, Bradford Place.	1871	C. Keyte	D. W. Robertson J. H. Thornhill T. Barlow F. W. Corby J. Turner A. Adams H. W. Bishop W. Charlton L. B. S. Dutson C. J. Powell W. N. Teague M. Bunting	300	400	30	35	25	..	30	..	..	10
4190	Queen Mary's School, Lichfield Street.	1875	A. Martin	D. W. Robertson W. Sewell G. M. Jones, B.A. L. Dawson, B.Sc.	85‡	85	..	..	..	..	12	..	..	..
4222	Centenary Wesleyan Day School, John Street.	1888	E. B. Beddows	F. W. Foster M. Foster	9	‡119	..	..	..	..	*	..	..	..
	WEDNESBURY:													
4195	Municipal Technical School, Free Library, Walsall Street.	1878	G. Rose	J. Longstaffe	..	50	..	..	..	..	..	..	..	..
4195A	Municipal Technical School, Art Gallery, Holyhead Road.	1892	„	E. N. Blizard W. R. Evans A. Owens A. McWilliam	60	95	..	50	..	..	25	..	..	..
4196	Higher Grade School, Walsall Street.	1879	I. Aston	J. Longstaffe	20	20	..	..	..	..	*	..	..	..
	WEST BROMWICH:													
A4206	Municipal School of Science and Art, The Institute, Lodge Road and Old County Court, Market Hall.	1886	T. Gilbert-Griffiths.	J. A. Pearce M. T. Pearce W. A. Rollason R. S. Whiteley J. W. Taylor G. W. Davis T. Parkes J. S. Hendry A. R. Green J. W. Talbot W. J. Stamps W. C. Browne	400	260	20	50	15	..	25	..	..	6
A4206B	Spon Lane (Branch School of Science and Art).	1891	„	J. A. Pearce W. A. Rollason F. A. Harrison	71	..	..	..	..	..	..	..	..	..
A4206C	Black Lake (Branch School of Science and Art), Swan Lane.	1891	„	J. A. Pearce A. E. Lane	80	..	..	..	..	..	..	..	..	..
A4206D	Greets Green (Branch School of Science and Art), Whitehall Road.	1891	„	J. A. Pearce E. Evans M. H. Leach	75	10	3	10	3	..	..	..	..	..
	WILLENHALL:													
4239	Central Board School, Stafford Street.	1884	G. Baker	W. D. Hadley J. R. Ellis A. Howard	40	35	..	15	..	..	20	..	..	..

ENGLAND.

Theoretical Mechanics, *Fluids*. VIb.	Applied Mechanics. VII.	Sound, Light, and Heat. VIII.	Sound. VIIIa.	Light. VIIIb.	Heat. VIIIc.	Alternative Physics. *A*. VIII. & IX.	Magnetism and Electricity. IX.	Inorganic Chemistry (Theory). X. *t*.	Inorganic Chemistry (Practl.). X. *p*.	Organic Chemistry (Theory). XI. *t*.	Organic Chemistry (Practical). XI. *p*.	Geology. XII.	Mineralogy. XIII.	Human Physiology. XIV.	General Biology. XV.	Zoology. XVI.	Botany. XVII.	Principles of Mining. XVIII.	Metallurgy, Theory. XIX.	Metallurgy, Pracl. XIX. *p*.	Navigation. XX.	Nautical Astronomy. XXI.	Steam. XXII.	Physiography. XXIII.	Principles of Agriculture. XXIV.	Hygiene. XXV.
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ENGLAND.

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	STAFFORDSHIRE—*cont.*													
	WOLSTANTON:													
4210	National School, High Street.	1890	A. H. Best	M. Bisset	18	..	..	..	..	..	..	..	..	..
	WOLVERHAMPTON:													
4212	Free Library, Garrick Street.	1873	J. Elliot	S. J. Ashley, R. Hasleden, B.A., J. Hough, M.A., W. Hutchinson, J. Johnston, A. T. Simmons, B.Sc., A. B. Taylor, W. Whitehouse	..	400	..	..	..	..	100	6	2	12
4213	St. Peter's Collegiate Boys' School, St. Peter's Walk.	1867	H. L. Atkinson	J. Johnston, W. G. Boon, C. D. Jemmett	..	70	..	..	..	..	70	..	..	..
4213A	St. Peter's Collegiate Girls' School, St. Peter's Walk.	1891	„	C. A. Hewins, LL.A.	..	30	..	..	..	..	..	..	..	..
A4215	Municipal School of Art, St. Peter's Close.	1854	A. L. Wiley	A. C. C. Jahn, A. E. V. Lilley, J. A. Wynn, W. J. Rutherford, A. E. Guest, W. Brown, J. A. Campbell	350	150	30	90	30	..	..	..	..	..
A4215A	Board School, Great Brick-kiln Street (Branch of School of Science and Art).	1892	„	A. C. C. Jahn, G. M. Griffiths	40	..	..	..	..	..	..	..	..	..
A4215C	Board School, Dudley Road (Branch of School of Science and Art).	1892	„	A. C. C. Jahn, G. M. Griffiths	40	..	..	..	..	..	..	..	..	..
A4215D	Board School, Redcross Street (Branch of School of Science and Art).	1893	„	A. C. C. Jahn, G. M. Griffiths	40	..	..	..	..	..	..	..	..	..
†4223	Higher Grade Board School, New Hampton Road.	1894	W. H. Hewitt	J. West, W. E. Simkins, F. W. Humphreys, A. T. Harrison	..	100	..	..	..	..	..	..	..	..
4242	Darlington Street Chapel, School Street.	1885	S. M. Wright	C. Gregory	*	..	..	..	..	..	..	..	..	..
4250	Orphan Asylum, Penn Road.	1883	W. Hamblett	A. T. Hawes, L. F. Stiles, E. Taylor	..	30	30	..	..	..	30	..	..	..
	WORDSLEY:													
4237	The Institute, High Street.	1885	W. Northwood	F. Carder	90	..	..	..	..	..	..	..	..	..
4237B	Board School, Brook Street.	1894	„	F. Carder, B. F. Mason	10	10	10	10	..	..	..	..	..	..
	SUFFOLK.													
	BECCLES:													
4301	Science and Technical School and Art Class, Coffee Room, Station Road.	1888	T. P. Angell	E. A. Fraser, E. J. Hindes, J. S. Palmer	30	35	..	..	15	..	..	..	..	..
4301B	Board School, Peddar's Lane.	1895	„	J. S. Palmer	..	20	..	..	..	..	..	..	..	..

ENGLAND.

VIB. Theoretical Mechanics, *Fluids*.	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	VIIIA. Sound.	VIIIB. Light.	VIIIC. Heat.	*A*, VIII. & IX. Alternative Physics.	IX. Magnetism and Electricity.	X. *t*. Inorganic Chemistry (Theory).	X. *p*. Inorganic Chemistry (Practl.)	XI. *t*. Organic Chemistry (Theory).	XI. *p*. Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Human Physiology.	XV. General Biology.	XVI. Zoology.	XVII. Botany.	XVIII. Principles of Mining.	XIX. Metallurgy, Theory.	XIX. *p*. Metallurgy, Pract.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.	XXV. Hygiene.
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ENGLAND.

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	SUFFOLK—*cont.*													
	BUNGAY:													
4327	Board School, Wingfield Street.	1891	J. O. Rees -	W. H. Lewis -	12	3	3	..	..	..	..	..	..	..
	BURY ST. EDMUND'S:													
4308	Guildhall, Guildhall Street.	1883	J. H. Wakefield	W. T. Griffiths -	*	*	*	..	..	..	..	..	..	..
	CRATFIELD:													
4310C	*National School* - -	*1894*	*S. Samson* -	*T. H. Bryant* -	*15*	..	..	..	..	..	..	..	..	..
	EYE:													
4337	Council Chamber of Town Hall.	1892	F. Whaite -	F. W. Bray - -	20	8	8	..	..	..	..	..	..	..
4341	Grammar Sch., Church Street.	1893	" -	W. G. Watkins -	10	10	..	..	..	..	10	..	..	..
	FRAMLINGHAM:													
4315	Elementary School, College Road.	1892	J. J. Newland	L. Read - - ; E. G. Warren -	20	7	7	..	..	..	..	..	..	..
	GORLESTON:													
4321	Board School, Stradbroke Road, Lowestoft Road.	1878	C. H. Wiltshire	R. Cook - - -	..	30	..	..	..	..	20	..	..	..
	IPSWICH:													
A 4306	School of Science and Art, and Technical School, High Street.	1858	F. Woolnough	W. E. Watkins - ; A. Greaves - - ; E. H. Smith -	..	24	..	..	..	..	..	..	..	..
4340	Higher Grade Board School, Smart Street.	1893	J. H. Hume -	E. R. Lush - - ; E. Thornborrow ; H. Hooke - - ; P. Wilkinson, B.A., B.Sc. - ; R. Cash - - ; F. W. Cook - - ; J. B. Cooper - ; E. Jackson - -	60	90	4	..	..	..	5	..	..	..
4342	Middle School for Boys, St. Margaret's, Bolton Lane.	1886	S. A. Notcutt	T. E. Cattell - ; H. G. Williams, B.Sc. - - - ; T. Smirk, B.A. - ; F. Warren - - ; J. T. Ford - - ; A. J. Pearsons -	100	70	19	..	..	..	40	..	..	10
4342A	Endowed School for Girls, Foundation Street.	1889	"	M. L. Smith - ; E. B. Harrison, B.A. - - - ; J. E. Woods - ; L. F. P. Cory -	70	54	..	..	..	..	24	..	..	..
	LAVENHAM:													
4345	National School, Church Street.	1894	Rev. Canon T. Scott.	W. T. Griffiths -	12	6	6	..	..	..	..	..	..	..
	LAXFIELD:													
4310	*Boys' Endowed School, The Street.*	*1892*	*S. Samson* -	*T. H. Bryant* -	*18*	*16*	*16*	..	..	..	..	..	..	..
	LOWESTOFT:													
A 4311	School of Science and Art, Regent Road.	1880	R. B. Nicholson.	E. A. Fraser - ; A. E. Maddison -	140	24	10	6	8	..	..	..	..	..
4311B	*Town Hall, High Street.*	*1892*	" -	*G. W. Hodder* -	..	*18*	..	..	..	..	*10*	..	..	..
	SAXMUNDHAM:													
4331	*Market Hall, High Street.*	*1891*	*V. E. Garrett*	*F. M. Garrett-Brown* - -	*30*	*26*	*25*	..	..	..	..	..	..	..

ENGLAND.

Theoretical Mechanics, *Fluids*. VIB.	Applied Mechanics. VII.	Sound, Light, and Heat. VIII.	Sound. VIIIA.	Light. VIIIB.	Heat. VIIIC.	Alternative Physics. A.VIII. & IX.	Magnetism and Electricity. IX.	Inorganic Chemistry (Theory). X. *t.*	Inorganic Chemistry (Practl.) X. *p.*	Organic Chemistry (Theory). XI. *t.*	Organic Chemistry (Practical). XI. *p.*	Geology. XII.	Mineralogy. XIII.	Human Physiology. XIV.	General Biology. XV.	Zoology. XVI.	Botany. XVII.	Principles of Mining. XVIII.	Metallurgy, Theory. XIX.	Metallurgy, Pract. XIX. *p.*	Navigation. XX.	Nautical Astronomy. XXI.	Steam. XXII.	Physiography. XXIII.	Principles of Agriculture. XXIV.	Hygiene. XXV.
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ENGLAND.

School No.	School and Place.	Dae of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Science.	I. Practical Plane & Solid Geometry.	II. Machine Construc^n & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	4 & 5.	6 & 7.	VIa. Theoretical Mechanics, *Solids.*
	SUFFOLK—*cont.*													
	STOWMARKET:													
4325	British School, Childer Road.	1891	J. H. Leggott, J.P.	W. T. Griffiths - L. Lacey -	26	3	3	..	..	..	..	..	..	..
	SUDBURY:													
4313	Grammar School - -	1887	J. S. Holden, M.D.	W. G. Normandale	15	20	..	..	..	..	10	..	..	..
	WOODBRIDGE:													
4319	Seckford Dispensary, Seckford Street.	1884	F. W. W. Gross	W. T. Griffiths - T. Douse -	15	3	3	..	..	..	..	..	..	..
4348	St. John's Parish Room, St. John's Street.	1894	A. Fairweather	A. M. Minter -	18	8	8	..	..	..	..	..	..	..
	SURREY.													
	CATERHAM:													
4435	*Hill Board Boys' School.*	*1887*	*W. Brough* -	*H. O. Rose* - -	..	*20*	*20*	..	..	..	..	..	..	..
4574	Caterham Valley School for Sons of Congregational Ministers.	1888	Rev. J. Viney	W. E. Till - L. H. Leadley, B.Sc. - -	120	50	..	..	..	..	50	..	..	10
	CROYDON:													
A4440	School of Science and Art, Literary and Scientific Institute, George Street.	1866	C. Henman -	W. Wallis - D. A. Tonelli - C. G. Bradford - P. J. Rendell -	200	10	10	..	..	..	..	..	..	..
4442	Young Men's Christian Association, 137, North Road.	1887	Sergeant-Major W. N. Morris.	A. T. Burgess -	..	20	..	..	..	..	..	..	..	..
4448	Polytechnic, Scarbrook Road.	1890	C. M. Elborough.	W. H. Osmond - V. W. Burnand - A. Greenville, - G. B. Morgan - E. A. Smedley, B.A., B.Sc. - A. T. Burgess - G. T. Moody, D.Sc.	90	195	70	15	50	..	45	..	..	20
4487	Pupil Teachers' Centre, Board School, Whitehorse Road.	1889	B. Rule - -	J. E. Holden - A. Hillyer, B.A. -	120	120	50	..	..	..	65	..	..	..
4588	Old Palace School, Old Palace Road.	1890	Mrs. R. W. Fuller.	G. H. Ford - -	*	..	..	..	..	..	..	..	..	..
	DORKING:													
4591	High School, Dene Street.	1893	W. H. Birley -	A. C. Collins - H. N. Weller, M.A. - -	80	50	..	..	..	..	25	..	..	..
4595	British School, Church Street.	1893	H. C. Drane -	S. Cousin - -	15	6	6	..	..	..	..	..	..	..
	EGHAM:													
4529	Technical Institute, Egham Hill.	—	F. W. Harbord.	C. B. McElwee -	20	6	..	3	3	..	..	..	..	..
	FARNHAM:													
A4446	School of Science and Art, South Street.	1872	R. W. Mason -	W. H. Allen - A. J. Stedman -	60	20	..	..	20	..	..	..	..	..
4446A	*Institute, South Street* -	*1894*	" -	*G. Brown, D.Sc.* -	..	*30*	..	..	..	..	*6*	..	..	..
†4447	Grammar School, West Street.	1886	E. Kempson, D.Sc.	G. Brown - -	..	20	..	..	..	..	..	..	..	..
	GUILDFORD:													
4453	Technical School, Working Men's Institute, Ward Street.	1873	T. Baker -	G. W. Downes - T. Stedman - J. Trimmer - W. G. Jones - T. Varley -	150	100	30	5	40	..	..	..	..	..

ENGLAND.

Theoretical Mechanics, *Fluids*. VIb.	Applied Mechanics. VII.	Sound, Light, and Heat. VIII.	Sound. VIIIa.	Light. VIIIb.	Heat. VIIIc.	Alternative Physics. *A.*VIII. & IX.	Magnetism and Electricity. IX.	Inorganic Chemistry (Theory). X. *t.*	Inorganic Chemistry (Practl.). X. *p.*	Organic Chemistry (Theory). XI. *t.*	Organic Chemistry (Practical). XI. *p.*	Geology. XII.	Mineralogy. XIII.	Human Physiology. XIV.	General Biology. XV.	Zoology. XVI.	Botany. XVII.	Principles of Mining. XVIII.	Metallurgy, Theory. XIX.	Metallurgy, Pract. XIX. *p.*	Navigation. XX.	Nautical Astronomy. XXI.	Steam. XXII.	Physiography. XXIII.	Principles of Agriculture. XXIV.	Hygiene. XXV.
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ENGLAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Science.	I. Practical Plane & Solid Geometry.	II. Machine Construction & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	4 & 5.	6 & 7.	VIa. Theoretical Mechanics, *Solids.*
	SURREY—*cont.*													
	GUILDFORD—*cont.*													
4600	Royal Grammar School, High Street.	1894	R. Sparks -	T. Varley, M.A., B.Sc. - -	..	25	..	..	..	..	25	..	..	..
	HASLEMERE:													
14,491	New Educational Hall, Foundry Road.	1895	W. A. Ardagh, M.D.	R. M. Palmer -	10	20	..	..	..	..	..	..	..	..
	HORLEY:													
4569	Board School, Albert Road.	1892	W. J. Hallett	W. Green - -	10	10	10	..	..	..	..	..	..	..
	KINGSTON-ON-THAMES:													
4459	Tiffin's Boys' School, Fairfield South.	1880	W. H. Parslow	C. J. Grist, M.A. W. J. Lucas, B.A. A. E. Richardson, B.A. - - C. M. Rider, B.Sc.	120	120	120	..	..	..	60	..	..	..
4459A	Tiffin's Girls' School, Fairfield South.	1880	Mrs. L. J. Cobb	M. H. M. Withers A. M. Shackleton, B.A. - - -	40	40	..	..	..	..	..	..	..	..
4493	*Boys' Elementary Public School, Richmond Road.*	*1890*	*R. M. Goodman, M.D.*	*J. H. Nancarrow*	..	*80*	..	..	..	..	..	..	..	..
4593	Assize Courts, High Street.	1893	H. A. Winser	T. E. Fridy - - J. C. Fridy - - A. A. Eisenhofer	110	20	20	..	..	..	..	..	..	..
4593A	The Polytechnic, Fife Road.	1893	" -	A. E. Richardson, B.A. - - J. Herrin - -	..	55	..	..	20	..	..	..	..	..
	LEATHERHEAD:													
4567	The Institute, High Street.	1892	G. B. Falwasser.	V. W. Burnand - E. J. Karn - -	20	..	..	..	..	..	..	..	..	..
	MERTON:													
†4586	Rutlish School, Kingston Road.	1895	W. A. Harwood	R. H. Bayley - G. B. Morgan - C. A. Pauls, B.Sc. J. Herrin - -	25	35	10	8	15	..	..	..	..	..
	MOLESEY (EAST):													
4570	Conservative Hall, Walton Road.	1892	F. Griffin -	E. Potterton -	22	12	12	..	..	..	..	..	..	..
	MORTLAKE:													
4596	National Schools -	1894	Rev. A. E. Shaw.	T. E. Fridy - - J. C. Fridy - - R. T. Hughes -	20	12	5	..	10	..	..	..	..	..
	NORWOOD (SOUTH):													
4533	Polytechnic 221, Selhurst Road.	1891	D. H. Somerville.	J. B. Daniells - G. H. Godwin - L. J. Phillips - W. B. Robarts -	250	50	12	..	12	..	..	..	..	..
	PURLEY:													
4441	Warehousemen's, Clerks', and Drapers' School, Russell Hill.	1888	W. Woolcott -	A. M. Smith - R. G. Evans - S. Francis - -	90	90	..	..	..	..	..	..	..	..
4568	*Reedham Orphanage* -	*1880*	*J. R. Edwards*	*J. A. Carter, B.A.*	..	*40*	..	..	..	..	..	..	..	..
	REDHILL:													
4494A	*Technical Institute* -	*1892*	*P. N. Hasluck*	*T. J. Barford, B.Sc. - - -* *J. Jinks - -*	*35*	*40*	*15*	..	..	..	*15*	..	..	..
4498	Royal Asylum of St. Anne's Society School.	1877	Capt. R. H. Evans.	G. Blakemore -	200	..	..	..	..	..	..	..	..	..
	REIGATE:													
4404	*Public Hall, High Street.*	*1892*	*P. N. Hasluck*	*T. J. Barford, B.Sc. - - -* *J. Jinks - -* *A. J. Head - -*	*30*	*35*	*6*	..	*20*	..	..	..	..	..

ENGLAND.

VIb. Theoretical Mechanics, *Fluids*.	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	VIIIa. Sound.	VIIIb. Light.	VIIIc. Heat.	*A.*VIII. & IX. Alternative Physics.	IX. Magnetism and Electricity.	X. *t.* Inorganic Chemistry (Theory).	X. *p.* Inorganic Chemistry (Practl.).	XI. *t.* Organic Chemistry (Theory).	XI. *p.* Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Human Physiology.	XV. General Biology.	XVI. Zoology.	XVII. Botany.	XVIII. Principles of Mining.	XIX. Metallurgy, Theory.	XIX. *p.* Metallurgy, Pracl.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.	XXV. Hygiene.
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ENGLAND.

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	SURREY—*cont.*													
4494B	REIGATE—*cont.* *Grammar School*	*1892*	*P. N. Hasluck*	*T. J. Barford*	..	*18*	..	..	..	..	..	..	..	..
A 4482	RICHMOND: *School of Science and Art, Halford House.*	*1874*	*C. J. Bentley*	*D. Marwood*, *E. J. Partridge*, *R. Paulson*, *S. E. Mew*, *J. H. Nancarrow*, *E. Sewell*, *C. Burgess*, *A. W. Marwood*, *G. Brooke*	*200*	*100*	*30*	..	*20*	..	..	..	..	..
4499	SURBITON: Science and Art Classes, Ewell Road.	1886	A. Zimmern	P. Birtles	70	15	..	..	15	..	..	..	..	..
4598	SUTTON: School, Benhill Street	1894	E. C. Surridge	A. E. Philbrick	*	..	..	..	..	..	..	..	..	..
4592	THORNTON HEATH: Branch of Croydon Polytechnic, High Street.	1893	W. G. Trinder	H. Drew, L. J. Phillips, D. Gale, H. C. Pegg	30	26	*	..	12	..	..	..	..	..
4594A	WALLINGTON: Boys' National School, Manor Road.	1894	W. C. Sabine	W. Busbridge, G. B. Morgan	..	10	8	5	6	..	..	..	..	..
523	WOKING: Church Room, Commercial Road, near Woking Station.	1880	A. P. Smith	P. Birtles	25	4	..	..	..	..	..	..	..	..
	SUSSEX.													
4631	BOGNOR: Bognor, Bersted, and Aldwick Art Club, Assembly Rooms, Canada Grove.	1891	A. Smith	A. Fisher, J. H. Fisher	60	12	10	..	4	..	..	..	..	..
A 4603	BRIGHTON: Municipal School of Science and Art, Grand Parade.	1859	F. J. Tillstone	W. M. Alderton, T. E. Clifton, W. H. Bond, E. J. Bedford, B. A. Harrison, F. Brueton, C. Cripps, M. Clutterbuck, B.Sc., H. Edmonds, B.Sc., W. R. Bower, B. Harrison, A. Payne, E. C. Mills, H. Alderton, J. Diplock, G. Alderton, F. Georges	450	250	45	40	80	..	30	6	..	15
4603B	Municipal Technical School York Place.	1893	"	J. H. Judd, G. Armstrong, B.Sc., W. R. Bower, T. H. Scutt	..	120	26	42	24	..	26	6	..	16

ENGLAND.

Theoretical Mechanics, *Fluids*. VIB.	Applied Mechanics. VII.	Sound, Light, and Heat. VIII.	Sound. VIIIA.	Light. VIIIB.	Heat. VIIIC.	Alternative Physics. A.VIII. & IX.	Magnetism and Electricity. IX.	Inorganic Chemistry (Theory). X. *t.*	Inorganic Chemistry (Practl.). X. *p.*	Organic Chemistry (Theory). XI. *t.*	Organic Chemistry (Practical). XI. *p.*	Geology. XII.	Mineralogy. XIII.	Human Physiology. XIV.	General Biology. XV.	Zoology. XVI.	Botany. XVII.	Principles of Mining. XVIII.	Metallurgy, Theory. XIX.	Metallurgy, Pract. XIX. *p.*	Navigation. XX.	Nautical Astronomy. XXI.	Steam. XXII.	Physiography. XXIII.	Principles of Agriculture. XXIV.	Hygiene. XXV.
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ENGLAND.

School No.	School and Place.	Date of Establishment of School.	Secretary Name.	Teacher's Name.	Total Number of Individual Students. Art.	Science.	I. Practical Plane & Solid Geometry.	II. Machine Construc^n & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1,2,3.	4 & 5.	6 & 7.	VIA. Theoretical Mechanics, *Solids*.
	SUSSEX—*cont.*													
	BRIGHTON—*cont.*													
4615	Grammar School, Buckingham Road.	1891	F. J. Tillstone	J. Godfrey T. Read, B.A., B.Sc. E. Hobbs W. H. Nodder C. H. Hall, B.A. J. Godfrey F. Carr H. A. Payne F. A. Hedgcock W. George	200	150	15	5	5	..	90	*	*	12
†4620	Higher Grade Board School, York Place.	1882	J. Carden, jun.	W. H. Bond C. Baseden C. H. Rogers H. J. Lintoll E. B. Lethbridge W. J. Stainer W. Done C. H. Pullick C. H. Hart W. H. Caddy A. M. North J. Mills W. E. Nichols G. Haffenden A. Hardman F. Carpenter J. F. Wyeth F. J. Male	360	460	160	..	..	..	330	..	..	40
4620A	*Pupil Teachers' School, Kensington Gardens.*	*1890*	"	*W. Done, B.A.*	..	*60*	*60*	..	..	..	*33*	..	..	..
4620B	*Board School (Girls'), Pelham Street.*	—	"	*S. T. Stocker*	..	*80*	..	..	..	..	..	..	..	..
	BURGESS HILL:													
4606	St. John's Institute, Park Road.	1880	E. F. Hope	A. E. Coleman	25	..	..	..	..	..	..	..	..	..
	CHICHESTER:													
4633	Technical School, Crane Street.	1892	E. E. Street	G. H. Catt G. T. Apps	100	20	20	..	..	..	..	..	..	..
	EASTBOURNE:													
4629	Art Room, 19a, Cornfield Road.	1891	H. W. Fovargue.	E. J. Bedford W. C. Field	93	38	8	..	30	..	..	..	..	..
	HASTINGS:													
▲4611	School of Science and Art, Brassey Institute, Claremont.	1875	F. Rossiter	M. Sullivan E. M. Newman K. M. Sullivan T. H. Cole, M.A. P. M. F. Cole A. A. King H. E. Tomlin E. Groom	200	*	30	3	30	..	12	..	..	10
4611A	Laboratory, Brassey Institute, Priory St.	—	"	A. A. King	..	100	..	..	..	..	..	..	..	..
	HORSHAM:													
▲4619	School of Science and Art, Hurst Road.	—	F. W. Butler	F. Davey M. F. Leppard	71	12	12	..	..	..	..	..	..	..
4637	Holy Trinity School, Lower Beeding.	1893	Rev. R. W. Powell.	F. Davey M. F. Leppard	12	..	..	..	..	..	..	..	..	..
4638	Board School, East Parade.	1893	Rev. R. W. Burnett.	E. Debney	..	20	..	..	..	..	..	..	..	..
†4639	Grammar School, Hurst Road.	1895	F. W. Butler	—	*	*	..	..	..	..	..	..	..	..

ENGLAND.

Theoretical Mechanics, *Fluids*. VIB.	Applied Mechanics. VII.	Sound, Light, and Heat. VIII.	Sound. VIIIA.	Light. VIIIB.	Heat. VIIIC.	Alternative Physics. A.VIII. & IX.	Magnetism and Electricity. IX.	Inorganic Chemistry (Theory). X. *t.*	Inorganic Chemistry (Practl.) X. *p.*	Organic Chemistry (Theory). XI. *t.*	Organic Chemistry (Practical). XI. *p.*	Geology. XII.	Mineralogy. XIII.	Human Physiology. XIV.	General Biology. XV.	Zoology. XVI.	Botany. XVII.	Principles of Mining. XVIII.	Metallurgy, Theory. XIX.	Metallurgy, Pract. XIX. *p.*	Navigation. XX.	Nautical Astronomy. XXI.	Steam. XXII.	Physiography. XXIII.	Principles of Agriculture. XXIV.	Hygiene. XXV.
12	..	..	..	..	25	..	..	125	125	..	..	..	..	..	25	..	..	..	..	..	..	..	..	..	..	..
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ENGLAND.

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	SUSSEX—*cont.*													
	HOVE:													
4632	Hove Science and Art Class, Grand Avenue.	1880	S. G. Dancy -	T. E. Clifton - B. A. W. Harrison - - - C. M. Cornock -	100	..	..	..	..	..	..	..	..	..
4632A	Technical Classes, Board School, Connaught Road.	1894	„ -	H. Edmonds, B.Sc.	..	24	..	..	..	..	..	..	..	..
4635	Board School, Connaught Road.	1892	„ -	F. Leatherdale -	21	..	..	..	..	..	..	..	..	..
	LEWES:													
A4613	School of Science and Art, Albion Street.	1868	W. F. Crosskey, M.D.	J. Thompson - T.W.H. Robinson	80	20	5	5	10	..	..	..	..	..
	MIDHURST:													
4618	Grammar School, North Street.	1880	C. Spring -	H. Byatt, M.A. -	40	26	..	..	..	..	13	..	..	..
	SHOREHAM:													
4617	Town Hall, High Street.	1893	H. Brown -	H. W. R. Marriott - - - A. Jeffree - -	38	..	..	..	..	..	..	..	..	..
	UCKFIELD:													
4616	Grammar School, Church Street.	1891	J. Miles - -	F. T. Jones - - H. I. Smith, M.A. E. H. Farr - -	31	31	31	..	..	..	31	..	..	31
	WORTHING:													
A4623	School of Art, Bedford Row.	1885	W. Verrall -	H. W. R. Marriott - - - A. Jeffree - - E. Hide - -	110	20	15	..	20	..	..	..	..	..
	WARWICKSHIRE.													
	ASTON:													
4730	Aston Manor Technical School, Whitehead Road.	1891	T. G. Pratt -	J. Brown - - E. Vernon - - A. L. Reily - - S. Mander - - M. M. Brown - C. A. White, B.Sc. - - - A. J. Menzies, B.Sc. - - - H. J. Read - - T. Casson - - J. Harper - - H. H. Higgs, B.A. J. W. Alldred -	300	300	40	60	30	..	30	..	..	..
4736	Board School, Albert Road.	1892	„ -	A. W. Hall - -	..	35	..	..	..	..	35	..	..	35
	ATHERSTONE:													
4704	Boys' Board School, South Street.	1890	J. H. Calladine.	B. Greaves - -	30	3	3	..	..	..	..	..	..	..

ENGLAND.

VIB. Theoretical Mechanics, *Fluids*.	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	VIIIA. Sound.	VIIIB. Light.	VIIIC. Heat.	A. VIII. & IX. Alternative Physics.	IX. Magnetism and Electricity.	X. *t*. Inorganic Chemistry (Theory).	X. *p*. Inorganic Chemistry (Practl.).	XI. *t*. Organic Chemistry (Theory).	XI. *p*. Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Human Physiology.	XV. General Biology.	XVI. Zoology.	XVII. Botany.	XVIII. Principles of Mining.	XIX. Metallurgy, Theory.	XIX. *p*. Metallurgy, Pract.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.	XXV. Hygiene.
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ENGLAND.

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	WARWICKSHIRE—*cont.*													
	ATHERSTONE—*cont.*													
4791	Queen Elizabeth's Grammar School, Long Street.	1886	W. Armishaw, M.A.	J. Sinclair J. H. Stansbie, B.Sc.	27	25	..	..	..	..	..	..	..	..
	BEDWORTH:													
4765	Central Boys' School, High Street.	1882	W. Linne	W. H. Alexander W. C. Watts	15	20	..	..	10	..	..	..	..	..
	BIRMINGHAM:													
4705	Blue Coat School, St. Philip's Place.	1869	W. G. Bolton	A. J. Menzies, B.Sc.	..	36	..	..	..	..	..	..	..	..
4716	The People's Hall, Hurst Street.	1874	J. H. Holder	A. J. Kelley	..	100	..	..	..	..	..	..	..	..
4717	Sparkhill, Greet and South Suburban Institute, Stratford Road.	1890	W. H. Mason, B.A.	H. Marle A. Baker G. W. Holbrook	110	70	..	..	..	..	20	..	..	..
4723	Board School, Farm Street.	1891	A. Hayes, M.A.	A. Blake	..	25	..	..	..	..	..	..	..	..
4724	Birmingham and Midland Institute, Ratcliff Place.	1855	"	C. Clarke J. F. Jordan, M.B. W. H. Line, B.A., M.D.	..	120	..	..	..	..	..	..	..	..
4726	Cornwall Works, Rabone Lane, Soho.	1873	E. Hazel	A. W. Cox	..	25	15	25	..	..	5	..	..	..
4727	Board School, Highgate.	1891	A. Hayes, M.A.	A. Blake	..	25	..	..	..	..	..	..	..	..
4728	Board School, Steward Street.	1891	"	A. Blake	..	20	..	..	..	..	..	..	..	..
4751	St. Chad's Roman Catholic Girls' School, Shadwell St.	1894	F. J. Gegg	A. J. Kelley	..	50	..	..	..	..	..	..	..	..
†4767	Technical Science Sch., Bridge Street, Broad Street.	1884	G. B. Davis	E. J. Cox A. J. Menzies, B.Sc. J. W. Alldred A. J. Mackenzie T. H. Winterbottom J. Phillips	..	110	..	..	..	..	120	..	..	120
†4767A	7th Standard School, Waverley Road, Small Heath.	1892	"	H. K. Frew, B.Sc. J. E. Pickles E. Sykes L. H. Barker J. Marshall H. Stubbs F. E. Thompson K. S. Block M. E. Gill	250	250	250	18	..	..	250	..	..	18
4772	Board School, Bristol Street.	1884	"	T. H. Dean W. J. Harrison R. J. Bailey J. A. Hutchin E. A. Harper W. C. Wilson G. Phillips W. Davies H. Ketteringham C. L. Harrison J. Horton C. Nevill	..	320	..	..	..	..	..	..	..	..

ENGLAND.

Theoretical Mechanics, *Fluids*. VIb.	Applied Mechanics. VII.	Sound, Light, and Heat. VIII.	Sound. VIIIa.	Light. VIIIb.	Heat. VIIIc.	Alternative Physics. A.VIII. & IX.	Magnetism and Electricity. IX.	Inorganic Chemistry (Theory). X. *t.*	Inorganic Chemistry (Practl.) X. *p.*	Organic Chemistry (Theory). XI. *t.*	Organic Chemistry (Practical). XI. *p.*	Geology. XII.	Mineralogy. XIII.	Human Physiology. XIV.	General Biology. XV.	Zoology. XVI.	Botany. XVII.	Principles of Mining. XVIII.	Metallurgy, Theory. XIX.	Metallurgy, Pract. XIX. *p.*	Navigation. XX.	Nautical Astronomy. XXI.	Steam. XXII.	Physiography. XXIII.	Principles of Agriculture. XXIV.	Hygiene. XXV.
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ENGLAND.

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	WARWICKSHIRE—*cont.* BIRMINGHAM—*cont.*													
4795	Municipal Technical School, Suffolk Street.	1890	G. Mellor	W. E. Sumpner, D.Sc. J. Ashford J. W. Aston A. H. Atkins, B.Sc. W. J. Ballard C. R. Clark P. C. Coultas A. S. Coxon F. Heeley A. H. Hiorns E. C. R. Marks A. E. Moore G. H. Moore A. A. Mutimer, M.A. J. W. Oliver G. Plant W. Russell J. H. Stansbie, B.Sc. C. D. Sykes C. J. Woodward, B.Sc.	..	1700	100	250	80	..	150	..	..	30
4795A	Board School, Montgomery Street.	1895	„	F. W. Arnold	..	30	*	*	..	..	..	..	..	..
4795B	Board School, Cromwell Street.	1895	„	F. W. Arnold	..	30	30	30	..	..	..	..	..	..
4795C	Board Sch., Moseley Rd.	1895	„	W. H. Davis	..	30	30	30	..	..	..	..	..	..
4795D	Board Sch., Steward St.	1895	„	W. H. Davis	..	30	30	30	..	..	..	..	..	..
A 4703	Board School, Cowper Street (Branch of School of Science and Art).	1886	E. Preston-Hytch.	E. R. Taylor C. Morgan W. Reeves W. S. Sherwood	125	35	35	..	..	..	..	..	..	..
A 4709	Ellen Street Board School (Branch of School of Science and Art).	1887	„	E. R. Taylor C. Morgan H. A. Payne E. J. B. Taylor A. J. Dunn F. G. Butcher	200	65	50	..	30	..	..	..	..	..
A 4744	Municipal School of Science and Art, Margaret Street.	1842	„	E. R. Taylor F. G. Jackson B. Creswick W. H. Bidlake, M.A. B. C. A. Windle, M.A., M.D., D.Sc., B.Ch. C. Morgan J. V. Jelley E. S. Harper A. F. Smith A. J. Gaskin T. Cox H. F. Newey W. A. A. Higgins E. G. Treglown S. H. Meteyard H. A. Payne J. W. Moore C. W. McKechnie B. Sleigh L. Joseph W. Naughtin E. E. Biddle K. A. Hall M. I. Newill C. M. Gere A. Watson	1560	150	100	..	60	..	..	..	..	..

ENGLAND.

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ENGLAND.

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	WARWICKSHIRE—*cont.*													
	BIRMINGHAM—*cont.*													
A4744A	Board School, Hope Street (Branch of School of Science and Art).	1879	E. Preston-Hytch.	E. R. Taylor C. Morgan G. T. Tarling C. W. Johnson T. H. Whitehouse	200	30	30	..	..	..	..	..	..	..
A4744B	Board School, Lingard Street Bloomsbury (Branch of School of Science and Art).	1879	"	E. R. Taylor C. Morgan W. Stace W. Perks F. W. Faux	150	40	40	..	..	..	..	..	..	..
A4744C	Board School, Dudley Road (Branch of School of Science and Art).	1879	"	E. R. Taylor C. Morgan B. H. Trotman E. L. I. Payne	110	60	60	..	..	..	..	..	..	..
A4744D	Board School, Bristol Street (Branch of School of Science and Art).	1879	"	E. R. Taylor C. Morgan S. H. Meteyard E. E. Biddle K. A. Hall E. E. Pardoe F. M. Rudland A. L. Reily L. A. Talbot C. E. Byrd C. B. Davies	..	25	25	..	..	..	..	..	..	..
A4746	Board School, Clark Street, Ladywood (Branch of School of Science and Art).	1877	"	E. R. Taylor C. Morgan J. J. Hart T. R. H. Langstone	..	25	25	..	..	..	..	..	..	..
A4747	Board School, Jenkins Street (Branch of School of Science and Art).	1877	"	E. R. Taylor C. Morgan T. Page F. G. Collins H. B. Brassington A. Steene	225	65	45	..	30	..	..	..	..	..
A4748	Smith Street Board School (Branch of School of Science and Art).	1874	"	E. R. Taylor C. Morgan F. Cheshire M. E. Harrison	150	35	35	..	..	..	..	..	..	..
A4749	Moseley Road Board School (Branch of School of Science and Art).	1876	"	E. R. Taylor C. Morgan J. W. Moore B. Williams J. Perkins M. F. Winter	225	60	40	..	35	..	..	..	..	..
A4750	Vittoria Street Board School (Branch of School of Science and Art).	1890	"	E. R. Taylor C. Morgan F. Steeley M. J. Awdry A. Cox C. W. McKechnie G. H. Ketelbey	400	20	20	..	..	..	..	..	..	..
	BULKINGTON:													
4734	Technical Education Science and Art Classes, Church of England Schools, School Road.	1891	H. J. Regan	T. C. Barfield	10	2	2	..	..	..	..	..	..	..
	COVENTRY:													
14,701	Technical Institute, Earl Street.	1885	E. Rainbow	J. W. Alldred A. W. Cox S. Dix G. F. Gibson W. Morgan G. R. Nevey D. H. Patrick	..	300	17	63	22	..	35	..	..	8

ENGLAND.

VIb. Theoretical Mechanics, *Fluids*.	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	VIIIa. Sound.	VIIIb. Light.	VIIIc. Heat.	A.VIII. & IX. Alternative Physics.	IX. Magnetism and Electricity.	X. *t*. Inorganic Chemistry (Theory).	X. *p*. Inorganic Chemistry (Practl.)	XI. *t*. Organic Chemistry (Theory).	XI. *p*. Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Human Physiology.	XV. General Biology.	XVI. Zoology.	XVII. Botany.	XVIII. Principles of Mining.	XIX. Metallurgy, Theory.	XIX. *p*. Metallurgy, Pracl.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.	XXV. Hygiene.
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ENGLAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Science.	I. Practical Plane & Solid Geometry.	II. Machine Construction & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, & 3.	4 & 5.	6 & 7.	VIA. Theoretical Mechanics, *Solids*.
	WARWICKSHIRE—*cont.*													
	COVENTRY—*cont.*													
†4761	Bablake School, Coundon Road.	1873	J. Herbert -	—	*	*	..	..	..	..	..	..	..	..
A14,701A	School of Science and Art, Ford Street.	1844	J. Bill - -	J. Anderson - J. J. Trego - - F. H. Brown -	290	10	10	..	..	..	..	..	..	..
	ERDINGTON:													
4764	National School, High Street.	1884	P. R. Jeacock	H. Garbutt -	..	34	20	18	11	..	..	..	..	..
4764A	Board Schools - -	1895	" -	G. Branstone -	40	..	..	..	..	..	..	..	..	..
	FOLESHILL:													
4732	*Edgewick Board School.*	*1891*	*J. O. Asquith*	*A. F. Smith* -	*14*	*10*	*10*	..	..	..	..	..	..	..
4732B	*Board School, Foxford*	*1893*	" -	*A. F. Smith* - -	*12*	*8*	*8*	..	..	..	..	..	..	..
	GLASCOTE:													
4731	New Board School, Main Road.	1891	A. E. Smith -	M. H. Woolhouse E. M. Woolhouse	25	2	2	..	..	..	..	..	..	..
	KENILWORTH:													
4733	Abbey Hill School, Abbey Hill.	1891	J. J. W. Wilmshurst.	F. A. Francis -	12	6	6	..	..	..	..	..	..	..
	LEAMINGTON:													
A4770	School of Science and Art, Town Hall, 27, The Parade.	1870	A. Riches -	W. R. Hewitt - F. A. Holte - E. V. Colgan - W. P. Holyoake - J. T. Duffield -	160	40	30	5	5	..	..	..	..	..
4770A	Municipal Technical School, 29, Waterloo Place.	1889	" -	A. M. Skinner - T. Baker - - H. B. Sewell -	160	40	..	..	..	..	8	..	..	..
4770B	*School of Science and Art, The Studios, Warwick Street.*	*1890*	*Major A. E. Overell.*	*E. A. Browne* - *T. S. Smith* -	*90*	*30*	*25*	*8*	*8*	..	..	..	..	..
	MONK'S KIRBY (NEAR LUTTERWORTH):													
4783	*Grammar School* - -	*1890*	*J. J. Brenchley*	*E. Colban* - -	..	*9*	..	..	..	..	..	..	..	..
	NUNEATON:													
4721	National School, Church Lane.	1890	R. W. Swinnerton.	J. B. Elwell - R. Neale - -	100	20	20	..	..	..	..	..	..	..
4721A	Old Grammar School, Vicarage Street.	—	" -	W. M. Williams - S. G. Waters - W. S. Taylor -	..	40	..	..	..	..	*	..	..	..
	RUGBY:													
4774	Railway Institute, London and North-Western Railway Station.	1887	C. J. B. Cooke	L. Oakley - - G. Hough - - R. A. McLellan - W. E. Routledge J. W. Derby -	45	100	15	40	20	..	10	..	..	..
4775	Drawing School, Rugby School, Barby Road.	1890	G. E. Over -	T. M. Lindsay - A. E. Martin -	50	12	10	..	2	..	..	..	..	..
4777	Wood Institute, St. Matthew's Street.	1871	Col. H. E. P. Thomas.	W. H. Gilbert - W. T. C. Hodges	120	20	20	..	..	..	..	..	..	..
	SALTLEY (NEAR BIRMINGHAM):													
A4786	School Board School, Highfield Road (Branch of School of Science and Art, 4744).	1891	E. Preston-Hytch.	E. R. Taylor - C. Morgan - - W. Midgley - G. B. Benton -	125	35	20	..	20	..	..	..	..	..
4789	The College School, Bridge Road.	1882	S. W. Coombs	W. Miles - - W. I. Price - -	..	40	..	..	..	..	*	..	..	..

ENGLAND.

Theoretical Mechanics. *Fluids.* VIB.	Applied Mechanics. VII.	Sound, Light, and Heat. VIII.	Sound. VIIIA.	Light. VIIIB.	Heat. VIIIC.	Alternative Physics. *A.*VIII. & IX.	Magnetism and Electricity. IX.	Inorganic Chemistry (Theory). X. *t.*	Inorganic Chemistry (Practl.) X. *p.*	Organic Chemistry (Theory). XI. *t.*	Organic Chemistry (Practical). XI. *p.*	Geology. XII.	Mineralogy. XIII.	Human Physiology. XIV.	General Biology. XV.	Zoology. XVI.	Botany. XVII.	Principles of Mining. XVIII.	Metallurgy, Theory. XIX.	Metallurgy, Pracl. XIX. *p.*	Navigation. XX.	Nautical Astronomy. XXI.	Steam. XXII.	Physiography. XXIII.	Principles of Agriculture. XXIV.	Hygiene. XXV.
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ENGLAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Science.	I. Practical Plane & Solid Geometry.	II. Machine Construct. & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	4 & 5.	6 & 7.	VIA. Theoretical Mechanics, Solids.
	WARWICKSHIRE—*cont.*													
	SOLIHULL:													
4738	Grammar School - -	1884	G. H. Stafford	G. A. Duncan -	..	40	..	..	..	..	..	..	..	..
	STRATFORD-ON-AVON:													
4790	The Studio, Exchange Buildings, Sheep Street.	1878	J. Morgan -	E. J. Simms - -	50	15	10	4	2	..	..	..	..	..
	SUTTON COLDFIELD:													
4788	Grammar School, Lichfield Road.	1883	T. S. Eddowes	J. Turner - - A. Smith - -	..	45	..	..	..	..	20	..	..	..
4792	Old Grammar School, Lichfield Road.	1886	W. E. Healey	M. A. E. Smythe K. A. Hall - -	130	10	10	..	..	..	..	..	..	..
	WARWICK:													
4701	*King's Middle Boys' School, The Butts.*	*1889*	*R. C. Heath -*	*Rev. H. G. Willacy, M.A. -* *A. M. Skinner -*	*60*	25	25	..	..	..	25	..	..	..
4701A	*King's High School for Girls, Smith Street.*	*1891*	" -	*W. R. Hewitt -*	*90*	..	..	..	..	..	..	..	..	..
A 4737	School of Science and Art, Swan Street.	1888	J. H. Watts -	F. A. Holt - - P. W. Holyoake - A. M. Skinner -	43	20	11	1	3	..	..	..	..	..
	WESTMORELAND.													
	AMBLESIDE:													
4811	Wordsworth Library -	1891	W. Lister -	J. Bentley - - G. F. Bates, B.A. A. Johnston, M.D. - - - G. A. Johnston, M.D. - - -	25	45	6	..	..	..	..	..	..	..
	BOWNESS:													
4802	The Art School, Bank Street.	1883	Rev. H. E. Stevens, B.A.	J. Swallow - -	20	..	..	..	..	..	..	..	..	..
	BURTON:													
4819	National School, near St. James' Church.	1892	W. V. Yates -	J. Chalmers - -	*	..	..	..	..	..	..	..	..	..
	HEVERSHAM:													
4808A	Grammar School -	1894	C. Frith-Hudson.	J. W. Wilkinson G. F. Bates - -	20	15	..	..	..	..	..	..	..	..
	HOLME:													
4818	National School, Duke Street.	1892	Mrs. M. Bellamy.	J. F. Bulbeck -	12	..	..	..	..	..	..	..	..	..
	KENDAL:													
A 4801	School of Science and Art, Kent Street.	1868	The Secretaries	P. P. Platt, B.A. J. E. Hargreaves A. Hoyland - E. A. Brown -	130	6	..	..	..	..	..	..	..	..
4801B	Grammar School - -	1887	" -	J. E. Hargreaves A. Hoyland - P. P. Platt, B.A. R. I. Hughes, B.A. - - -	40	25	..	..	..	..	10	15	..	10
4801C	British School, Castle Street.	1891	" -	J. Wilcock - -	..	12	..	..	..	..	..	..	..	..
	KIRKBY LONSDALE:													
4806	Art Class Room -	1891	Miss M. Harris	R. E. Barnard -	25	..	..	..	..	..	..	..	..	..
	LONG MARTON:													
4827	Parish Institute -	1894	Rev. F. K. Fell	W. Harris - -	16	..	..	..	..	..	..	..	..	..

ENGLAND.

Theoretical Mechanics, *Fluids*. VIb.	Applied Mechanics. VII.	Sound, Light, and Heat. VIII.	Sound. VIIIa.	Light. VIIIb.	Heat. VIIIc.	Alternative Physics. A.VIII. & IX.	Magnetism and Electricity. IX.	Inorganic Chemistry (Theory). X. *t.*	Inorganic Chemistry (Practl.). X. *p.*	Organic Chemistry (Theory). XI. *t.*	Organic Chemistry (Practical). XI. *p.*	Geology. XII.	Mineralogy. XIII.	Human Physiology. XIV.	General Biology. XV.	Zoology. XVI.	Botany. XVII.	Principles of Mining. XVIII.	Metallurgy, Theory. XIX.	Metallurgy, Pract. XIX. *p.*	Navigation. XX.	Nautical Astronomy. XXI.	Steam. XXII.	Physiography. XXIII.	Principles of Agriculture. XXIV.	Hygiene. XXV.
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ENGLAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Total Number of Individual Students. Science.	I. Practical Plane & Solid Geometry.	II. Machine Construction & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1,2,3.	V. Stages 4 & 5.	V. Stages 6 & 7.	VIa. Theoretical Mechanics, *Solids.*
	WESTMORELAND—*cont.*													
	MILNTHORPE:													
4906	*Public Rooms* - -	*1890*	*C. Frith-Hudson.*	*J. W. Wilkinson* -	*15*	*5*	5	..	..	..	..	..	..	..
	SHAP:													
4823	Girls' and Infants' Board School.	1893	Miss Whiteside.	G. F. Bates, B.A. -	..	40	..	..	..	..	..	..	..	..
	WINDERMERE:													
4820	Grammar School Prince's Road.	1892	B. A. Irving, M.A.	E. Mears, M.A. - } H. Beckton, B.A. }	..	60	..	..	..	..	20	..	..	12
	WILTSHIRE.													
	ALL CANNINGS:													
4901A	National School -	1892	J. A. Randell, J.P.	J. Atkinson - -	10	20	..	..	..	..	..	..	..	..
	BRADFORD-ON-AVON:													
4912	Bradford Technical School, Frome Road.	1891	C. Patrick -	T. I. Hallett - } C. G. Watkins - }	75	20	20	..	..	..	..	..	..	..
4912A	Technical School, St. Margaret Street.	1893	" -	C. G. Watkins -	..	40	..	..	..	..	..	..	..	..
	BRATTON:													
4935B	Jubilee Hall - -	1892	H. R. Watts -	J. H. Nightingale	16	..	..	..	..	..	..	..	..	..
	BREMHILL:													
4936D	National School -	1891	E. Woodward	E. B. Hadley -	20	..	..	..	..	..	..	..	..	..
	BRINKWORTH:													
4942A	Parochial Schools, The Green.	1891	W. Forrester -	W. Tinley - -	20	30	..	..	..	..	..	..	..	..
	BROMHAM:													
4901C	Hope Mission Room -	1892	J. A. Randell, J.P.	J. Atkinson - -	15	20	..	..	..	..	..	..	..	..
	CALNE:													
4936	Bentley's Middle School, Church Street.	1891	E. Woodward	E. B. Hadley -	20	..	..	..	..	..	..	..	..	..
940	The New Technical School.	1879	" -	T. I. Hallett - } E. B. Hadley - }	70	70	..	..	..	..	20	..	..	..
	CALSTONE:													
93[illegible]F	National School -	1892	" -	E. B. Hadley -	*	..	..	..	..	..	..	..	..	..
	CASTLE COMBE:													
4941A	National School -	1892	E. Thomas -	E. N. Tuck - - } L. Smith - - }	15	15	..	..	..	..	..	..	..	..
	CHIPPENHAM:													
4941	Jubilee Building and Technical School, Market Place and Causeway.	1883	" -	T. Tratman - } L. Smith - - } E. N. Tuck - - }	160	150	60	11	11	..	..	..	..	..
	COMPTON BASSETT:													
4936E	National School -	1892	E. Woodward	E. B. Hadley -	20	..	.	..	..	..	..	..	..	..
	DERRY HILL:													
4936G	*National School* -	—	" -	*E. B. Hadley* -	..	*40*	*10*	..	..	..	..	..	..	..
	DEVIZES:													
A490[illegible]	School of Science and Art, British School, Northgate Street.	1864	J. A. Randell, J.P.	T. Tratman - - } F. L. Fairburn - } J. Atkinson - - }	160	55	5	5	5	..	..	..	..	..
4901[illegible]	Technical Workshops, Northgate Street.	1893	" -	J. Atkinson - -	..	12	..	..	..	..	..	..	..	..

ENGLAND.

VIB. Theoretical Mechanics, *Fluids*.	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	VIIIA. Sound.	VIIIB. Light.	VIIIC. Heat.	*A*. VIII. & IX. Alternative Physics.	IX. Magnetism and Electricity.	X. *t*. Inorganic Chemistry (Theory).	X. *p*. Inorganic Chemistry (Practl.).	XI. *t*. Organic Chemistry (Theory).	XI. *p*. Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Human Physiology.	XV. General Biology.	XVI. Zoology.	XVII. Botany.	XVIII. Principles of Mining.	XIX. Metallurgy, Theory.	XIX. *p*. Metallurgy, Pract.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.	XXV. Hygiene.
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ENGLAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Total Number of Individual Students. Science.	I. Practical Plane & Solid Geometry.	II. Machine Construcn & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	V. Pure Mathematics. Stages 4 & 5.	V. Pure Mathematics. Stages 6 & 7.	VIA. Theoretical Mechanics, *Solids.*
	WILTSHIRE—*cont.*													
	GRITTLETON:													
4941F	National School	1895	E. Thomas	E. N. Tuck; L. Smith	12	..	..	..	..	..	..	..	..	..
	HANKERTON:													
4942O	National School	1895	W. Forrester	A. Cameron	25	25	..	..	..	..	..	..	..	..
	LACOCK:													
4941C	National School	1892	E. Thomas	E. N. Tuck; L. Smith	12	..	..	..	..	..	..	..	..	..
	LITTLE SOMERFORD:													
4942P	National School	1895	W. Forrester	W. Tinley	20	25	..	..	..	..	..	..	..	..
	MALMESBURY:													
4942	Council Chambers, Silver Street.	1891	„	A. Cameron	60	45	..	..	..	..	..	..	..	..
	MARLBOROUGH:													
4917	St. Mary's Boys' School, Herd Street.	1892	M. Taylor	F. J. Lewis	22	..	..	..	..	..	..	..	..	..
4950	Technical Institute, Class Room, Grammar School, London Road.	1891	A. E. W. Marsh	J. Atkinson	..	20	..	..	..	..	..	..	..	..
	MELKSHAM:													
4909	Technical School, Market Place.	1891	A. G. Smith	E. Flooks	6	6	6	..	..	..	..	..	..	..
	MERE:													
4918	British School, Boar Street.	1891	E. Bracher	A. H. Angrave	7	6	..	..	..	..	..	..	..	..
4923	National School, Church Street.	1892	J. A. Lloyd	G. W. Cope	11	..	..	..	..	..	..	..	..	..
	OAKSEY:													
4912B	Eastcourt National School.	1891	W. Forrester	A. Cameron	25	25	..	..	..	..	..	..	..	..
	PEWSEY:													
4903	Infant School, River Street.	1894	R. Dixon	B. P. Bouverie; Rev. H. Canen	25	..	..	..	..	..	..	..	..	..
	PURTON:													
4932	National School	1891	Mrs. A. K. Wykeham Martin.	E. M. Hale	8	1	1	..	..	..	..	..	..	..
	RODBOURNE:													
4942N	National Schools	1894	W. Forrester	W. Tinley	25	25	..	..	..	..	..	..	..	..
	SALISBURY:													
A 4913	School of Science and Art, School Buildings, New Street.	1865	W. M. Hammick.	J. Harris; H. Harris; A. H. Gates; J. M. H. Munro, D.Sc.	130	65	30	5	8	..	..	..	..	..
+4916	The Bishop's School, Exeter Street.	1890	W. A. Crockat	—	*	*	..	..	..	..	..	..	..	..
	SWINDON													
4919	Technical School, Mechanics' Institute, 11, High Street.	1878	H. Hill	R. J. Chirgwin; F. L. Wait; W. R. Bird	..	110	..	..	..	..	25	..	..	20

ENGLAND.

VIb. Theoretical Mechanics, *Fluids*.	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	VIIIa. Sound.	VIIIb. Light.	VIIIc. Heat.	*A* VIII. & IX. Alternative Physics.	IX. Magnetism and Electricity.	X. *t*. Inorganic Chemistry (Theory).	X. *p*. Inorganic Chemistry (Practl.).	XI. *t*. Organic Chemistry (Theory).	XI. *p*. Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Human Physiology.	XV. General Biology.	XVI. Zoology.	XVII. Botany.	XVIII. Principles of Mining.	XIX. Metallurgy, Theory.	XIX. *p*. Metallurgy, Pracl.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.	XXV. Hygiene.
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ENGLAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Science.	I. Practical Plane & Solid Geometry.	II. Machine Construcⁿ & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	4 & 5.	6 & 7.	VIA. Theoretical Mechanics, *Solids.*
	WILTSHIRE—*cont.*													
	SWINDON—*cont.*													
4921	Great Western Railway, Mechanics' Institute, Board School, College Street.	1868	H. Hill - -	W. Broad -, E. M. Hale -, R. S. McHardy -, W. J. Read -, J. F. Tonkin -, G. N. Gilchrist -, F. G. Wright -, W. Hawksworth, F. W. Snell -, A. T. Hobson -, G. Webber -, F. Apted -, G. Pressey -	250	300	30	120	20	..	80	..	..	..
4922	Town Hall, Market Square.	1891	" - -	E. M. Hale - -	50	..	..	..	..	..	..	..	..	..
4944	*Higher Grade and Science Board Sch., Primitive Methodist Chapel, Regent St., New Swindon.*	*1891*	*H Kinneir* -	*J. Beeson* -, *J. F. Dutton* -, *J. W. S. Green* -, *W. W. Ewing, M.A.* -	*200*	*200*	*200*	..	..	..	*180*	*20*	..	*60*
4944A	Pupil Teachers' Classes, Queen's Town Board School.	1894	" -	J. F. Dutton -, J. W. Green -, W. W. Ewing -	60	110	40	..	..	..	27	3	..	..
946	Swindon and North Wilts Tech. Sch. Laboratory, High St.	1894	H. Hill - -	T. C. Davison -, W. J. Davison -, J. F. Dutton -	..	60	..	..	..	..	..	..	..	..
	TISBURY:													
4914	*Art Class, Girls' Schoolroom.*	*1891*	*Rev. A. Kemble.*	*C. Matthews* -	*24*	*6*	*6*	..	..	..	..	..	..	..
	TROWBRIDGE:													
A 4925	School of Science and Art, Silver Street.	1864	H. Ledbury -	T. I. Hallett -, W. H. Minty -, C. G. Watkins -, A. M. Chettle -	100	50	18	..	12	..	..	..	..	..
	UPPER STRATTON:													
4952	Board School - -	1895	J. Cox - -	W. O. Hill - -	20	..	..	..	..	..	..	..	..	..
	URCHFONT:													
4901D	National School -	1892	J. A. Randell, J.P.	J. Atkinson - -	12	12	..	..	..	..	..	..	..	..
	WARMINSTER:													
4928	Science and Art Class, Athenæum, High Street.	1861	T. J. Rushton	J. Harris - -	90	*	15	4	..	..	..	..	..	..
4928J	Technical School, Church Street.	1895	" -	E. H. Smith - -	..	60	..	..	..	..	12	..	..	..
	WESTBURY:													
4935	Laverton Institute, The Hollow.	1891	H. R. Watts -	I. H. Nightingale	20	50	..	..	..	..	14	..	..	..
	WILTON:													
4930	Town Hall, Market Place.	1866	G. M. Wilson	G. Pritchard -	40	10	4	3	3	..	..	..	..	..
	YATTON KEYNELL:													
4941B	National School - -	1891	E. Thomas -	E. N. Tuck -, L. Smith -	10	10	..	10	10	..	..	..	..	..
	WORCESTERSHIRE.													
5084	BALSALL HEATH: Institute, Moseley Road.	1883	A. G. Hudson	A. E. G. Hill -, C. Lloyd -, A. J. Kelley -	70	20	6	..	..	..	..	..	..	..

ENGLAND.

VIb. Theoretical Mechanics, *Fluids*.	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	VIIIa. Sound.	VIIIb. Light.	VIIIc. Heat.	A. VIII. & IX. Alternative Physics.	IX. Magnetism and Electricity.	X. *t*. Inorganic Chemistry (Theory).	X. *p*. Inorganic Chemistry (Practl.)	XI. *t*. Organic Chemistry (Theory).	XI. *p*. Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Human Physiology.	XV. General Biology.	XVI. Zoology.	XVII. Botany.	XVIII. Principles of Mining.	XIX. Metallurgy, Theory.	XIX. *p*. Metallurgy, Pracl.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.	XXV. Hygiene.
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ENGLAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Science.	I. Practical Plane & Solid Geometry.	II. Machine Construction & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages. 1.2.3.	4 & 5.	6 & 7.	VIA. Theoretical Mechanics, *Solids*.
	WORCESTERSHIRE—*cont.*													
	BALSALL HEATH—*cont.*													
A5089	School Board School, Tindal Street (Branch of School of Science and Art, 4,744).	1891	E. Preston-Hytch.	E. R. Taylor; C. Morgan; W. Mann; C. A. Lilley; B. Sleigh	180	25	25	..	..	..	..	..	..	..
A5004	BEWDLEY: Institute, Load Street (Branch of School of Science and Art, 5,030).	1886	F. Perkins	W. Tucker; E. Robinson; T. J. Gardner; H. E. Hadley; S. Gledhill	50	20	..	..	..	..	8	..	..	..
A5005	BROMSGROVE: School of Science and Art, New Road.	1860	G. Bown	D. L. Raimbach; E. C. Jefferies; P. K. Tollit, M.A.	107	12	..	..	..	..	..	..	..	..
5030D	COOKLEY: *National Boys' School Lea Lane (Branch of School of Science and Art).*	*1892*	*F. Perkins*	*W. Tucker*; *C. W. Austin*	*20*	..	..	..	..	..	..	..	..	..
5090	CRADLEY: British School, Cradley Hightown.	1892	D. W. Sluter	G. Parton	80	..	..	..	..	..	..	..	..	..
5014	DUDLEY: Dudley Institute, Wolverhampton St.	1868	G. E. Taylor	O. Billingham; T. Furley; G. W. Holbrook; A. Adams; F. E. Thompson; W. Charlton; H. Newman	..	250	..	30	15	..	50	..	..	12
A5017	School of Science and Art, St. James' Road.	1853	W. Sheppard	D. Jones; A. J. Dainty; J. H. Round; T. J. Cherrington; K. R. Allen	300	40	10	18	12	..	..	..	..	..
5027	EVESHAM: *Institute, Market Place.*	*1887*	*J. S. Slater*	*H. Morris*	*40*	*5*	5	..	..	..	..	..	..	..
5090A	HALESOWEN: Institute, Gt. Cornbow Street.	1892	D. W. Sluter	W. N. Teague	..	100	50	50	50	..	..	..	..	..
5090G	Coombs Wood Mess Room.	1895	,,	W. N. Teague	..	50	50	50	50	..	..	..	..	..
5090H	Boys' National School, Church Street.	1895	,,	G. Parton	100	..	..	..	..	..	..	..	..	..
5030E	HARTLEBURY: *National School (Branch of School of Science and Art, 5030).*	*1892*	*F. Perkins*	*W. Tucker*; *G. Bromage*	*15*	..	..	..	..	..	..	..	..	..

ENGLAND.

VIb. Theoretical Mechanics, *Fluids*.	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	VIIIa. Sound.	VIIIb. Light.	VIIIc. Heat.	*A*.VIII. & IX. Alternative Physics.	IX. Magnetism and Electricity.	X. *t*. Inorganic Chemistry (Theory).	X. *p*. Inorganic Chemistry (Practl.)	XI. *t*. Organic Chemistry (Theory).	XI. *p*. Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Human Physiology.	XV. General Biology.	XVI. Zoology.	XVII. Botany.	XVIII. Principles of Mining.	XIX. Metallurgy, Theory.	XIX. *p*. Metallurgy, Pracl.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.	XXV. Hygiene.
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ENGLAND.

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	WORCESTERSHIRE—*cont.*													
	KIDDERMINSTER:													
A5030	School of Science and Art, Commercial Buildings, Market Street, and Exchange Street.	1862	F. Perkins	W. Tucker; M. Hays; G. W. Kingman; E. Robinson; A. R. Tucker; J. S. Reeve; H. E. Hadley; S. Gledhill; T. Gardner; W. H. Hodgson, B.A.	400	*	50	15	10	..	36	..	..	10
	KING'S HEATH:													
5034	King's Heath and Moseley Institute, Alcester Road.	1879	J. Raybould	F. Greenhill; A. J. Kelly; W. C. Wilson; A. W. Brown	30	50	..	20	..	..	..	..	..	..
	KING'S NORTON:													
5022A	Board School, Redditch Road.	1892	Dr. B. Jordan	J. C. Burraston	90	..	..	..	..	..	..	..	..	..
	LYE:													
A5060A	Board School, Orchard Lane (Branch of School of Science and Art, 5060).	1890	C. H. Collis	G. H. Cromack; J. D. C. Burley; K. Simms	50	..	..	..	..	..	..	..	..	..
5060C	The Grove	1893	"	J. D. C. Burley	..	18	10	8	..	..	..	..	..	..
	MALVERN (GREAT):													
A5033	School of Science and Art, Old Concert Hall, Church Street.	1886	F. W. Powell	D. C. Mackinlay; H. J. Damsell; F. A. Kelly	120	14	6	6	2	..	..	..	..	..
	OLDBURY:													
5044	Technical School, Unity Place.	1891	J. P. Homes	H. A. Anderson; W. Jones; W. F. Edwards; J. Lawton	80	30	6	..	15	..	8	..	..	..
5044A	Technical Workshops, Park Lane.	1891	"	J. Hewitt	..	30	..	30	..	..	..	..	..	..
	REDDITCH:													
A5052	*School of Science and Art, Church Road.*	*1872*	*R. B. Turner*	*H. D. Dickinson; W. H. Young*	*70*	*12*	*8*	*2*	*2*	..	..	..	..	..
5053	National School, Peakman Street.	1888	D. Mathews	E. T. Moule	6	6	6	..	..	..	..	..	..	..
5053A	Grammar School, Park Road.	1894	"	J. E. Bryant	..	20	..	..	..	..	..	..	..	..
	SELLY OAK:													
5021	*Northfield Technical Institute, Elliott Road.*	*1891*	*E. E. Dendy*	*A. J. Menzies, B.Sc.; J. Fielden; J. W. Alldred*	..	*50*	*30*	*30*	..	..	*	..	..	..
	SHIPSTON-ON-STOUR:													
5061	*Board School, Stratford Road.*	*1892*	*R. E. Williams*	*T. E. Orchard*	*30*	*20*	*20*	..	..	..	..	..	..	..
	STIRCHLEY (NEAR KING'S NORTON):													
5022B	Board School	1892	Dr. B. Jordan	W. H. Wood	30	..	..	..	..	..	..	..	..	..
	STOURBRIDGE:													
A5060	School of Science and Art, Theatre Road.	1852	C. H. Collis	G. H. Cromack; J. D. C. Burley	100	28	16	6	6	..	..	..	..	..
5060B	The Institute, Market Street.	1885	"	T. V. Roberts	..	50	..	..	..	..	..	..	..	..

ENGLAND.

VIB. Theoretical Mechanics. *Fluids.*	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	VIIIA. Sound.	VIIIB. Light.	VIIIC. Heat.	A.VIII. & IX. Alternative Physics.	IX Magnetism and Electricity.	X. *t.* Inorganic Chemistry (Theory).	X. *p.* Inorganic Chemistry (Practl.)	XI. *t.* Organic Chemistry (Theory).	XI. *p.* Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Human Physiology.	XV. General Biology.	XVI. Zoology.	XVII. Botany.	XVIII. Principles of Mining.	XIX. Metallurgy. Theory.	XIX. *p.* Metallurgy, Pracl.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.	XXV. Hygiene.
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ENGLAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Science.	I. Practical Plane & Solid Geometry.	II. Machine Construcn & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	4 & 5.	6 & 7.	VIa. Theoretical Mechanics, Solids.
	WORCESTERSHIRE— *cont.*													
	STOURPORT:													
A5030B	Institute, Town Hall, New Street (Branch of School of Science and Art, 5,030).	1891	F. Perkins -	W. Tucker - M. Hays -	40	..	..	..	..	..	..	..	..	..
	WORCESTER:													
A5071	School of Science and Art, Victoria Institute, Sansome Walk.	1851	F. Duckworth	A. J. Cooper, B.Sc. W. Hopwood - T. G. Watts - R. H. Hayhurst - A. J. Price -	..	295	..	20	30	..	20	..	..	15
5073	Priory House, Tything	1881	W. Birch -	T. Price - -	40	6	6	..	..	..	..	..	..	..
	YORKSHIRE.													
	ARDSLEY:													
5285	*Board Schools - -*	*1893*	*T. Harper -*	*J. Atkinson - -*	..	*14*	..	*14*	..	..	..	..	..	..
	ARMLEY:													
5261	Higher Grade School, Chapel Lane.	1884	H. J. Robinson	R. D. Swann - F. Hiscoe -	..	25	..	..	..	..	10	..	..	..
5591	Church School, Wesley Road.	1885	"	H. S. Myers - H. Rhodes -	..	65	..	60	..	..	..	..	..	..
	BAILDON:													
5108	New Central Board School.	1879	T. W. Padgett	T. M. Jones - -	30	..	..	..	..	..	..	..	..	..
5109	Tong Park Board School.	1891	" -	E. Helliwell - -	..	30	..	..	..	..	..	..	..	..
5588	Wood Bottom Board School, Ottey Road.	1885	" -	A. H. Anderson -	..	30	..	..	..	..	..	..	..	..
	BARNOLDSWICK:													
5110	Mechanics' Institute, King Street.	1869	H. Broughton	J. Lancaster -	10	20	5	..	..	..	12	..	..	..
5220	Salterforth National School.	1894	Rev. F. W. Patten.	R. Longtoft - -	..	6	..	..	..	..	6	..	..	..
	BARNSLEY:													
A5114	School of Science and Art, Harvey Institute, Eldon Street, Churchfield.	1874	O. de Mirimonde.	J. B. Taylor - E. Haigh - - J. Atkinson - J. Wood - -	170	60	20	20	10	..	..	..	..	..
5159	Archbishop Holgate's Grammar School, Church Street.	1888	C. J. Tyas -	T. Parkes, M.A. - M. Allaun - -	60	60	..	..	..	..	..	..	..	..
5163	Arcade Rooms - -	1889	T. Baldwin -	T. Tate - - T. Parkes, M.A. - W. Allanack -	..	80	..	..	..	..	..	..	..	..
	BATLEY:													
5124	Technical School, Cambridge Street.	1892	J. Hopkinson	C. B. Barber - I. Burley - - S. F. L. Fox - T. B. Boss, M.A. - I. Patchett - - W. Rushby - - T. W. Lockwood J. E. Gomersal -	120	150	30	30	20	..	30	..	..	..
†5125	*Grammar School - -*	*1878*	*Rev. C. Gordon*	*Rev. L. S. Calvert* *T. B. Boss, M.A.* *W. Rushby -*	*100*	*120*	*70*	..	..	..	*30*	*8*	..	..
15,126	Higher Grade Girls' School, Field Hill.	1895	J. I. Wilson -	J. Williams - H. Rushworth -	16	16	16	..	..	..	16	..	..	..
	BEVERLEY:													
5118	Grammar School - -	1890	S. Farrah -	G. W. Jones - -	..	..	..	..	..	..	22	..	..	..
5121	Church Institute, St. Mary's Boys' School, Register Square.	1877	Rev. E. J. Barry.	T. E. Burras -	36	..	..	..	..	..	..	..	..	..

ENGLAND.

VIB. Theoretical Mechanics, *Fluids*.	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	VIIIA. Sound.	VIIIB. Light.	VIIIC. Heat.	A.VIII. & IX. Alternative Physics.	IX. Magnetism and Electricity.	X. t. Inorganic Chemistry (Theory).	X. p. Inorganic Chemistry (Practl.)	XI. t. Organic Chemistry (Theory).	XI. p. Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Human Physiology.	XV. General Biology.	XVI. Zoology.	XVII. Botany.	XVIII. Principles of Mining.	XIX. Metallurgy, Theory.	XIX. p. Metallurgy, Pract.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.	XXV. Hygiene.
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ENGLAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Science.	I. Practical Plane & Solid Geometry.	II. Machine Construcⁿ & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages. 1, 2 & 3.	4 & 5.	6 & 7.	VIa. Theoretical Mechanics, *Solids.*
	YORKSHIRE—*cont.*													
	BEVERLEY—*cont.*													
5131A	*Old Quakers Church, Wood Lane.*	—	*Rev. E. J. Barry.*	*M. Menzies*	*12*	..	..	..	..	..	..	..	..	..
	BINGLEY:													
A5120	Mechanics' Institute, Technical School, School of Science and Art, Mornington Road.	1887	C. Mason	G. Severs A. Patrick W. Thomas C. F. Dawson M. E. Dawson G. F. Boase W. Stevenson	60	45	20	20	15	..	6	..	..	..
5151	Grammar School, Keighley Road.	1889	A. Platts	C. F. Dawson A. Beard S. C. Hodgson A. Clark J. Sutcliffe	80	80	11	..	..	..	..	..	..	5
	BIRSTALL:													
5117	Wesleyan Day School, Chapel Lane, School Street.	1887	W. Elliott	P. Buckley	..	16	..	16	..	..	..	..	..	..
	BRADFORD:													
5116	Board School, Carlton Street, Horton Road.	1888	J. A. Palmer	M. A. Wilson F. Pickles M. Shatwell T. Lush E. Thornton R. M. Frankland	45	110	..	..	..	..	20	..	..	..
5116A	Board School, Drummond Road.	1893	"	A. M. Sands R. O. Johnson	20	30	..	20	..	..	..	..	..	..
5116B	Board School, Undercliffe Lane.	1892	"	H. Atkinson F. Robinson	35	30	5	..	30	..	..	..	..	..
5116C	Peckover, Higher Girls' Board School, Park Gate.	—	"	R. A. Rhodes C. Brown L. Baxter	40	50	..	..	..	..	40	..	..	..
5116D	Board School, Usher Street.	1893	"	A. J. Jefferson T. Cockshott	15	20	..	20	..	..	..	..	..	..
5128	Junior Teachers' Central Classes, Manville School, Great Horton Road.	1886	"	J. W. Young R. P. G. Williamson, M.A. T. Whitehead	200	200	100	..	..	..	30	..	..	..
A5129	School of Science and Art, Church Institute, North Parade.	1873	J. Reddie	W. I. Boyes J. D. Walker C. E. N. Phillips F. W. Clough J. H. Wilkinson	120	50	15	..	..	..	..	..	..	..
A5133	School of Science and Art, Mechanics' Institute, Bridge Street.	1868	A. P. Waddington.	J. Sowden J. Charnock H. Thornton F. Spencer T. Whitehead J. Harrison J. Nightingale J. W. Buck, B.Sc. H. Gornall T. Leadley T. Tate J. Whaley, B.Sc. E. Hardcastle	150	250	30	30	30	..	30	..	..	..
5134	Board School, Ryan Street.	1886	J. A. Palmer	J. Charnock J. W. Harrison P. Buckley	35	50	20	30	15	..	..	..	..	..
5135	Board School, Whetley Lane.	1886	"	J. C. Eastburn E. Newell C. H. Overend	25	60	..	30	30	..	..	..	..	..
5137	Board School, Barkerend, Undercliffe Street.	1886	"	H. E. Simpson E. Weir S. H. Studley	40	50	..	30	20	..	..	..	..	..

ENGLAND.

Theoretical Mechanics, *Fluids*. VIb.	Applied Mechanics. VII.	Sound, Light, and Heat. VIII.	Sound. VIIIA.	Light. VIIIB.	Heat. VIIIC.	Alternative Physics. A. VIII. & IX.	Magnetism and Electricity. IX.	Inorganic Chemistry (Theory). X. *t.*	Inorganic Chemistry (Practl.) X. *p.*	Organic Chemistry (Theory). XI. *t.*	Organic Chemistry (Practical). XI. *p.*	Geology. XII.	Mineralogy. XIII.	Human Physiology. XIV.	General Biology. XV.	Zoology. XVI.	Botany. XVII.	Principles of Mining. XVIII.	Metallurgy. Theory. XIX.	Metallurgy, Pracl. XIX. *p.*	Navigation. XX.	Nautical Astronomy. XXI.	Steam. XXII.	Physiography. XXIII.	Principles of Agriculture. XXIV.	Hygiene. XXV.
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ENGLAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Total Number of Individual Students. Science.	I. Practical Plane & Solid Geometry.	II. Machine Construcn & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, & 3.	V. Stages 4 & 5.	V. Stages 6 & 7.	VI a. Theoretical Mechanics, Solids.
	YORKSHIRE—*cont.*													
	BRADFORD—*cont.*													
†A5138	School of Science and Art, Grammar School, Manor Row.	1874	W. Brear	F. Bergan S. S. Smith A. Thornton G. C. Bloomer A. W. Bowyer G. H. Douglas	*	*	*	..	..	..	*	..	..	..
5139	Moor Board School Killinghall and Leeds Road.	1890	J. A. Palmer	H. E. Simpson P. Buckley E. Weir	30	50	..	30	15	..	..	..	..	..
5140	Board School, Chapel Street, Leeds Road.	1871	"	J. W. Nicol F. Betteridge, B.A. A. S. Johnson A. B. Lishman	70	120	25	..	..	..	110	..	..	20
5141	St. Mary's Boys' School, East Parade.	1890	Rev. A. Mc Donagh.	R. De Rome	40	40	..	..	..	..	..	..	..	..
5148	Belle Vue Board Sch., Manningham Lane.	1887	J. A. Palmer	R. Lishman S. L. Beszant L. Myers J. Mitchell A. Barker A. M. Sands A. B. Lishman W. Copley, B.A. C. A. Hartley B. O. Johnson T. Preston R. P. G. Williamson, M.A. W. West	145	250	95	15	30	..	215	..	..	..
5149	Streonshalk School, Claremont.	1882	H. Clay	R. M. Frankland A. M. Sands	..	*	..	..	..	..	..	..	..	..
A5150	School of Science and Art, Technical College, Great Horton Road.	1883	J. Nutter	C. Stephenson E. R. Andrews H. A. Wright H. Slinger J. Spencer, B.Sc. H. B. Knowles, M.A. A. Wheatley H. T. Tacey S. F. Sell T. Walker W. West T. Newsome G. W. Fearnley W. M. Gardner A. B. Knaggs G. F. Charnock E. Hewitt J. E. Rycroft J. W. Botterill F. Marsden	300	500	100	90	60	..	..	..	..	20
	BRIGHOUSE:													
5158	Mechanics' Institute and Technical School, Huddersfield Road.	1872	W. Morrell	M. Sharpe G. H. C. Hole W. Bentley A. Crossley G. H. Douglas, M.A. E. Masson A. W. Elliott J. Heaton T. W. Lockwood	80	179	6	40	25	..	12	..	..	12
5160	National School, Church Street.	1889	Rev. T. W. Crafer.	G. Booth	..	20	..	..	..	..	..	..	..	..
5170	Higher Grade School, Lightcliffe Road.	1892	G. Broughton	A. E. Osborne, B.A. C. Luscombe	50	60	60	..	..	..	60	..	..	..

ENGLAND.

VIb. Theoretical Mechanics, *Fluids*.	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	VIIIa. Sound.	VIIIb. Light.	VIIIc. Heat.	A. VIII. & IX. Alternative Physics.	IX. Magnetism and Electricity.	X. *t*. Inorganic Chemistry (Theory).	X. *p*. Inorganic Chemistry (Practl.).	XI. *t*. Organic Chemistry (Theory).	XI. *p*. Organ'c Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Human Physiology.	XV. General Biology.	XVI. Zoology.	XVII. Botany.	XVIII. Principles of Mining.	XIX. Metallurgy, Theory.	XIX. *p*. Metallurgy, Pract.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.	XXV. Hygiene.
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ENGLAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Total Number of Individual Students. Science.	I. Practical Plane & Solid Geometry.	II. Machine Construcⁿ & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	V. Pure Mathematics. Stages 4 & 5.	V. Pure Mathematics. Stages 6 & 7.	VIa. Theoretical Mechanics. *Solids.*
	YORKSHIRE—*cont.*													
15,127	CARLTON: Boys' School, Carlton	1895	W. B. Cooper	J. Wood; J. H. Rontree	..	25	..	..	..	..	..	..	..	..
5162	CASTLEFORD: Mechanics' Institute, Sagar Street.	1877	E. G. McBretney.	S. Gee	65	70	18	8	..	..	12	..	..	..
5145	CHAPELTOWN: Lound Board School	1894	T. H. Bingley	A. Deakin; J. Husband	15	30	10	30	..	..	..	..	..	..
5172	CLECKHEATON: Mechanical Institute and Technical School, Brooke Street.	1873	L. Ellis	H. A. Wright; F. Newsome; F. Firth; A. Hanson; S. P. L. Fox; B. B. Hall	30	80	..	40	10	..	10	..	..	..
5506	CRAGG VALE: Board School, Cragg Vale.	1895	J. Whitehead	E. Davies	..	•	..	..	..	..	10	..	..	..
5498	CRIGGLESTONE (NEAR WAKEFIELD). Crigglestone Coal Company's Schoolroom.	1889	E. Johnston	A. Williamson; J. Wood	..	30	..	15	..	..	..	..	..	..
5173	CROSSHILLS: Glusburn Institute	1873	G. U. Metcalfe.	E. Riby; H. S. Greenwood; H. Lund; W. Thomas	25	12	..	6	6	..	..	..	..	..
5173A	Glusburn Board School.	1895	"	E. Riby; H. S. Greenwood	30	..	..	..	..	..	..	..	..	..
A5178	DEWSBURY: School of Science and Art, Technical School, Halifax Road.	1867	P. F. Lee	J. Gledhill; J. S. Mitchell; E. E. Green; J. T. Neville; H. J. Taylor; T. Tate; T. Jackson; P. Bentley; A. B. Williamson; C. B. Howdill; P. Reynolds; J. Wood	300	300	40	80	50	..	50	..	..	..
5543	Wheelwright Grammar School, Halifax Road.	1889	W. Scholefield, Jun.	T. Knowles, B.A.; P. Reynolds, B.A.; J. Gledhill; E. Huckwell; W. Agar; A. E. Holme, M.A.; P. Jemmett	150	150	..	..	..	..	•	..	..	•
A5179	DONCASTER: School of Science and Art, New Free Library, St. George's Gate.	1877	F. J. Forth	G. W. Harley; E. Anstruther; R. Burton; C. H. Johnson; J. Fairrington; L. H. Fletcher; J. S. Trethewey	90	50	15	20	24	..	..	..	..	..
5180	Great Northern Railway Workmen's Mess Room, Hexthorpe Lane.	1869	J. Small	J. C. Cowling; A. T. Reece	..	69	..	60	..	..	..	..	..	..

ENGLAND.

	VIb. Theoretical Mechanics, *Fluids.*	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	VIIIa. Sound.	VIIIb. Light.	VIIIc. Heat.	A.VIII. & IX. Alternative Physics.	IX. Magnetism and Electricity.	X. *t.* Inorganic Chemistry (Theory).	X. *p.* Inorganic Chemistry (Practl.).	XI. *t.* Organic Chemistry (Theory).	XI. *p.* Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Human Physiology.	XV. General Biology.	XVI. Zoology.	XVII. Botany.	XVIII. Principles of Mining.	XIX. Metallurgy, Theory.	XIX. *p.* Metallurgy, Pract.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.	XXV. Hygiene.
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ENGLAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Science.	I. Practical Plane & Solid Geometry.	II. Machine Construcⁿ & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	4 & 5.	6 & 7.	VI A. Theoretical Mechanics, *Solids.*
	YORKSHIRE—*cont.*													
	DONCASTER—*cont.*													
†5232	Grammar School, Thorne Road.	1891	J. G. Nicholson	R. Best; H. T. Storrs; T. Storrs, M.A.; H. C. Bowker, M.A.; A. Abbott, B.A.; A. R. Davies, B.A.	31	65	61	..	..	..	65	..	..	17
	DRAX:													
5276	Endowed Grammar School.	1894	G. E. Maskill	J. Spink; H. H. Budd	20	20	..	..	..	..	..	..	..	..
	DRIGHLINGTON:													
5554	Central Board School, Whitehall Road.	1880	W. Clandge	H. E. Simpson; F. Pickstone	30	20	20	..	..	..	..	..	..	..
	EARBY:													
5166	*Wesleyan School, Riley Street.*	*1890*	*W. N. Berry*	*J. Lancaster*	*12*	*12*	..	..	..	..	..	..	..	..
	EASINGWOLD:													
5190	Grammar School, Long Street.	1887	J. W. Smith	H. R. G. Cotter; E. R. Whalley	..	20	..	..	..	..	20	..	..	..
	ELLAND:													
5189	Mechanics' Institute, South End Board School.	1879	J. E. Ackroyd	G. W. Rushworth; I. Burley; L. Clegg; A. W. Elliott; F. L. Fox; J. E. Halstead, B.Sc.; T. W. Lockwood; E. A. Powell; R. H. Riley; E. Sykes	30	100	12	12	12	..	6	..	..	6
5189A	Laboratory, Local Board Buildings.	1893	"	B. Akroyd; J. E. Halstead, B.Sc.	..	42	..	..	..	..	..	..	..	..
5195	Brooksbank Endowed School, Westgate.	1887	J. H. Cockcroft	A. Fothergham, B.A.; J. H. Ackroyd	..	30	..	..	..	..	25	..	..	..
	ESTON:													
5265	Eston Junction Board School, Middlesborough Road.	1884	J. W. Harrison	R. W. Healey; J. Siddle	..	50	..	18	..	..	..	..	..	..
5265A	Board Schools, South Eston.	1891	"	R. W. Healey	..	20	..	12	..	..	..	..	..	..
	GARFORTH:													
5216	Working Men's Institute Buildings.	1891	T. B. Smith	J. W. Tingle	25	12	12	..	..	..	..	..	..	..
	GOOLE:													
5511	Board School, Alexandra Street.	1878	H. Lindley	H. Frost; T. J. Bryan; F. E. Dent; T. W. Ireland, B.A.; G. H. Strong; I. Schofield; C. Beecroft; H. Wilson; C. Tong	40	25	*	*	..	..	*	..	..	..
	GREAT AYTON:													
5199	North of England Friends' Agricultural School, High Green.	1877	W. G. Farndale.	J. W. Watson	35	20	20	..	..	..	..	..	..	..

ENGLAND.

VIB. Theoretical Mechanics, *Fluids*.	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	VIIIA. Sound.	VIIIB. Light.	VIIIC. Heat.	A. VIII. & IX. Alternative Physics.	IX. Magnetism and Electricity.	X. *t*. Inorganic Chemistry (Theory).	X. *p*. Inorganic Chemistry (Practl.).	XI. *t*. Organic Chemistry (Theory).	XI. *p*. Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Human Physiology.	XV. General Biology.	XVI. Zoology.	XVII. Botany.	XVIII. Principles of Mining.	XIX. Metallurgy, Theory.	XIX. *p*. Metallurgy, Pracl.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.	XXV. Hygiene.
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ENGLAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Science.	I. Practical Plane & Solid Geometry.	II. Machine Con-strucn & Drawing.	III. Building Con-struction.	IV. Naval Archi-tecture.	V. Pure Mathematics. Stages 1 2, 3.	4 & 5.	6 & 7.	VI. Theoretical Mechanics, Solids.
	YORKSHIRE—*cont.*													
	GREAT HORTON:													
5201	Board School, Cross Lane.	1875	J. A. Palmer -	H. Simpson - J. W. Harrison - E. Newell -	50	60	..	30	30	..	..	..	..	..
	GREENFIELD:													
5571	Co-operative Society, Ltd., Spring Grove.	1892	G. Booth -	F. Hawkyard - W. Watson -	..	20	..	9	..	..	8	..	..	..
	GREETLAND:													
5206	West Vale Mechanics' Institute, Calder Street.	1877	H. Bastide -	B. Akroyd -	..	28	..	..	..	..	..	..	..	..
5206A	Board School, West Vale, Calder Street.	1877	" -	J. D. Walker - G. H. Douglas, M.A. - J. R. Purdy, M.A. J. Naylor - J. W. Whiteley - L. Clegg - M. M. Buckley -	58	96	14	22	..	..	32	10	..	..
	GUISBOROUGH:													
5259	Providence Board School.	1894	W. Mennell -	F. W. Poole -	15	5	5	..	..	..	..	..	..	..
5339	Grammar School -	1894	R. C. Graveley	Rev. R. D. Eves F. Jones -	15	15	15	..	..	..	*	..	..	..
	GUISELEY:													
5208	Mechanics' Institute, Town Hall, Town Street, The Green.	1873	B. Smith -	A. L. Walbank - G. C. Fry, B.Sc. -	20	16	*	..	..	..	..	..	..	..
	HALIFAX:													
A5210	Technical School, Hopwood Lane.	1885	J. R. Hadfield	A. Whitehead - A. Hobrough - W. Ackroyd - G. H. Webb - G. Seel - R. Law - E. A. Law - R. Watson - J. S. Goldthorp - W. Bentley - H. Waterworth - A. Whitehead -	250	500	45	90	45	..	42	..	..	..
5214	Crossley Orphanage Home, Savile Park.	1875	D. Lord -	G. G. Metcalfe - M. L. Noble - C. J. H. Saniter. - W. C. Barber -	..	63	..	..	..	..	*	..	..	20
†5533	Higher Board School, Prescott Street.	1885	W. H. Ostler	—	*	*	..	..	..	..	..	..	..	..
5533A	Board School, Akroyd Place, Pupil Teachers Central Class.	1894	" -	W. Harwood - J. Beattie -	70	40	..	..	..	..	..	..	..	..
	HARROGATE:													
A5221	School of Science and Art, 9, Prospect Crescent.	1883	E. Raworth -	K. Cavenagh - T. Watson -	110	30	*	..	*	..	..	..	..	..
5290	Ashville College -	1890	Rev. J. Moore	J. Bowick - J. J. Green -	..	40	..	..	..	..	12	..	..	..
	HEADINGLEY:													
A5316A	Parish Institute, Bennett Road (Branch of School of Art, 5316).	1892	J. O. Dayson -	H. Ryder - J. A. Hancox - H. Hunt -	30	..	..	..	..	..	..	..	..	..
	HEBDEN BRIDGE:													
†5480	Central Board School, Market Street.	1891	J. Whitehead	J. H. Farran - J. Hellowell - A. Crossley - R. Worthingham A. Stevenson - C. E. Cox - G. Seel - F. R. Rogers - E. A. Powell S. Fielding -	50	135	15	10	10	..	35	..	..	10

ENGLAND.

	Theoretical Mechanics, *Fluids*. VIb.	Applied Mechanics. VII.	Sound, Light, and Heat. VIII.	Sound. VIIIa.	Light. VIIIb.	Heat. VIIIc.	Alternative Physics. A.VIII. & IX.	Magnetism and Electricity. IX.	Inorganic Chemistry (Theory). X. *t.*	Inorganic Chemistry (Practl.) X. *p.*	Organic Chemistry (Theory). XI. *t.*	Organic Chemistry (Practical). XI. *p.*	Geology. XII.	Mineralogy. XIII.	Human Physiology. XIV.	General Biology. XV.	Zoology. XVI.	Botany. XVII.	Principles of Mining. XVIII.	Metallurgy, Theory. XIX.	Metallurgy, Pracl. XIX. *p.*	Navigation. XX.	Nautical Astronomy. XXI.	Steam. XXII.	Physiography. XXIII.	Principles of Agriculture. XXIV.	Hygiene. XXV.
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ENGLAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Science.	I. Practical Plane & Solid Geometry.	II. Machine Construcn & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1,2,3.	4 & 5.	6 & 7.	VIA. Theoretical Mechanics. *Solids.*
	YORKSHIRE—*cont.*													
	HECKMONDWIKE:													
5235	Upper Board School, High Street.	1893	W. Claridge	S. Allott F. W. De Velling, B.A.	60	40	30	..	..	..	35	..	..	..
5235A	Mechanics' Institute, Market Street.	1875	"	T. Wilkinson T. W. Lockwood A. Houldershaw	14	50	..	..	..	..	..	..	..	..
5235B	St. James' Board School, Church St.	1890	"	T. Wilkinson T. W. Lockwood A. Houldershaw J. E. Gomersall	30	70	..	..	..	..	..	..	..	..
	HEPTONSTALL:													
15,125	Board School, Main St.	1895	A. Whitehead	E. A. Powell	..	10	..	..	..	..	..	..	..	..
	HIPPERHOLME:													
†5222	Grammar School	1882	D. McL. Brown.	G. W. Rushworth H. Hancock, M.A. H. Watson, B.A. F. B. Halford, B.A.	40	55	55	..	..	..	55	..	..	15
	HOLBECK:													
5240	Mechanics' Institute and Technical School, Sweet Street West.	1869	J. H. Batty	T. Jackson P. Bentley R. J. Briggs	..	150	20	100	..	..	..	..	..	..
	HOLMFIRTH:													
5154	Technical Institute, Huddersfield Road.	1890	W. H. Barrowclough.	B. Shaw J. B. Hogley L. Overend W. Cliffe E. E. D. Davies, M.Sc. S. V. Heap	38	30	12	10	..	..	..	..	..	..
	HOLYWELL GREEN:													
5245	Mechanics' Institute, New Road.	1870	A. S. Rogers	J. T. Booth M. M. Buckley R. Law	..	32	..	..	..	..	15	..	..	..
	HORBURY:													
5227	St. Peter's Church Sch.	1891	E. H. Holt, B.A.	A. Gibson	*	..	..	..	..	..	..	..	..	..
	HORSFORTH:													
5248	Mechanics' Institute, Town Street.	1874	C. W. Marsden	T. Thackray	..	12	..	..	12	..	..	..	..	..
	HOYLAND COMMON:													
5228	Boys' School, Hoyland Common.	1891	W. E. Raley	J. T. W. Savage J. Bloodworth F. Holden	20	20	..	..	..	..	..	..	..	..
	HUDDERSFIELD:													
5250	Lockwood Mechanics' Institute, Meltham Road.	1870	A. Berry	A. A. Cass H. Calam E. Matthewman	12	40	15	12	..	..	..	..	..	..
5252	Young Men's Christian Association, King Street.	1887	T. Leonard	B. Shaw	15	3	3	..	..	..	..	..	..	..
A5254	School of Science and Art, Technical School, Queen Street South.	1869	T. Thorp	H. Barrows J. H. Milner S. Auty C. H. Rothery J. W. Sykes G. S. Turpin, M.A., D.Sc. E. Lodge G. Brierley, B.Sc. G. F. Hardcastle W. H. Hirst, B.A. B. M. Addy F. W. De Velling, B.A. T. G. Jones, B.Sc. W. J. Beal, B.A. T. W. Woodhead	450	520	200	80	45	..	300	20	5	30

ENGLAND.

VIB. Theoretical Mechanics. *Fluids.*	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	VIIIA. Sound.	VIIIB. Light.	VIIIC. Heat.	*A.*VIII. & IX. Alternative Physics.	IX. Magnetism and Electricity.	X. *t.* Inorganic Chemistry (Theory).	X. *p.* Inorganic Chemistry (Practl.).	XI. *t.* Organic Chemistry (Theory).	XI. *p.* Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Human Physiology.	XV. General Biology.	XVI. Zoology.	XVII. Botany.	XVIII. Principles of Mining.	XIX. Metallurgy, Theory.	XIX. *p.* Metallurgy, Pract.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.	XXV. Hygiene.
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30	50	50	15	10	10	..	70	150	150	45	45	10	..	65	10	..	15	..	..	..	..	..	30	50	..	40

ENGLAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Science.	I. Practical Plane & Solid Geometry.	II. Machine Construcⁿ & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	4 & 5.	6 & 7.	VIa. Theoretical Mechanics, Solid.
	YORKSHIRE—*cont.*													
5257	HUDDERSFIELD—*cont.* Fartown Grammar School, Bradford Road.	1882	Rev. C. E. Story.	A. Wood; J. Harrison; W. P. Yates	50	35	..	..	..	..	*	..	..	..
†5258A	College Higher Grade School, New North Road.	1894	G. Gaunt	W. J. Beal, B.A.; W. Varley; J. H. Hargreaves, M.A.	145	265	50	..	..	..	30	..	..	..
†5538	Grammar School, Almondbury.	1895	Rev. F. Marshall, M.A.	—	*	*	..	..	..	..	..	..	..	..
5239	HULL: Grammar School, Leicester Street.	1892	G. Jackson	J. E. Forty, M.A.; A. Brooke, B.A.; W. H. Wadsley	5	20	..	..	..	..	10	..	..	..
5266	Boulevard Higher Grade Board School.	—	D. J. O'Donoghue.	J. H. Smith; T. H. Williams; G. H. Strong; E. Holdsworth; S. H. Router; C. E. Hampton; W. H. Wilson; A. Kilburn	54	100	10	20	..	..	15	..	..	..
†5266A	Higher Grade Board School, Craven Street.	1893	"	T. Broad; W. Chippendale; G. Robinson; H. Birch; C. J. Harvey; J. L. Read; H. Sheppard; M. J. Coles; C. E. Thompson	50	50	20	12	12	..	12	..	..	12
5272	Navigation School, Prince's Dockside.	1865	E. J. Wilson, M.A.	Z. Scaping; F. W. Johnston; H. Lawson; W. R. Cullington	..	128	..	..	..	..	28	..	..	..
5274	*Young People's Christian and Literary Institute, 2, Charlotte Street.*	*1869*	*J. Fieldhouse*	*A. Elsom; D. Christie; A. Brooke, B.A.; L. Waters, M.B.; E. Boardman; W. D. Elliott; J. Read; M. Petty, B.A.; J. Simpson; A. N. Somerscales; T. G. Baker; E. Quibell*	*90*	*600*	*48*	*75*	*59*	*23*	*94*	..	..	..
A5522C	School of Science and Art, 2, Albion Street.	1861		J. H. Parkyn; E. W. Spawton; C. G. Lowther	100	..	..	..	..	..	..	..	..	..
5278	*Board, School Beverley Road.*	*1877*	*D. J. O'Donoghue.*	*W. H. Gillgras; G. Robinson; E. Holdsworth; G. R. Miles*	*52*	*72*	*40*	..	..	..	..	..	..	..
†5280	Central Higher Grade Board School, Brunswick Avenue.	1890	"	P. J. Bizford; G. E. Sellers; W. H. Gillgrass; G. H. Strong; C. E. Thompson; S. H. Router; T. Luxton, B.A.; E. Holdsworth; H. Evington; A. Williamson; G. R. Miles; J. F. Robinson; J. W. Frazer, M.D.; J. L. Read	300	550	90	60	60	..	60	20	10	20

ENGLAND.

	Theoretical Mechanics, *Fluids*. VIb.	Applied Mechanics. VII.	Sound, Light, and Heat. VIII.	Sound. VIIIa.	Light. VIIIb.	Heat. VIIIc.	Alternative Physics. *A.* VIII. & IX.	Magnetism and Electricity. IX.	Inorganic Chemistry (Theory). X. *t.*	Inorganic Chemistry (Practl.). X. *p.*	Organic Chemistry (Theory). XI. *t.*	Organic Chemistry (Practical). XI. *p.*	Geology. XII.	Mineralogy. XIII.	Human Physiology. XIV.	General Biology. XV.	Zoology. XVI.	Botany. XVII.	Principles of Mining. XVIII.	Metallurgy, Theory. XIX.	Metallurgy, Pracl. XIX. *p.*	Navigation. XX.	Nautical Astronomy. XXI.	Steam. XXII.	Physiography. XXIII.	Principles of Agriculture. XXIV.	Hygiene. XXV.
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	20	10	10	..	..	30	10	30	100	100	20	20	60	..	10	20	..	60	..	..	..	..	..	20	100	60	60

ENGLAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Science.	I. Practical Plane & Solid Geometry.	II. Machine Construction & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1,2,3.	4 & 5.	6 & 7.	VIA. Theoretical Mechanics, Solids.
	YORKSHIRE—*cont.*													
	HULL—*cont.*													
5522	Municipal Technical School, Chemical Laboratory, Bond St.	1893	E. J. Wilson, M.A.	H. Ingle, B.Sc.	..	70	..	..	..	..	..	..	..	..
5522A	Municipal Technical School, 86, Osborne Street.	1894	„	J. Firth E. Spawton R. J. Durley J. W. Smith R. H. Spence R. W. Hutchinson R. Proudlove J. T. Riley	49	220	45	85	50	15	81	*	*	47
5522B	Municipal Technical School, 7, Albion St.	1894	„	J. Firth R.W. Hutchinson R. Proudlove	20	70	2	..	..	..	70	..	..	..
	ILKLEY:													
5288	*The Museum, Skipton Road.*	*1893*	*F. L. Sievert*	*W. J. Boyes* *E. Dobson*	*50*	*20*	*20*	..	..	..	..	..	..	..
5289	Grammar School	1893	L. Darlington	E. Dobson F. Swann, B.A., B.Sc. T. S. Wheater, B.A. A. Baines, B.A. H. Clements, B.A.	70	50	30	..	..	..	50	..	..	..
	JUMP:													
5292	Board School	1882	J. Robinson	W. Allott	15	20	..	..	..	..	..	..	..	..
	KEIGHLEY:													
5287	Lees Board School	1892	I. Taylor	W. Smith A. H. Simpson	32	..	..	..	..	..	..	..	..	..
A5295	Branch of School of Science and Art, Cooperative Hall, Halifax Road.	1878	A. L. Denby	T. C. Butterfield A. Smith	30	..	..	..	..	..	..	..	..	..
†A5296	School of Science and Art, Mechanics' and Technical Institute, North Street.	1869	„	D. Barrett, M.A. T. C. Butterfield A. R. Smith A. F. Smith F. Watson F. Smith A. Hugill W. E. Goyer H. Hugill G. Grace T. Anderson H. Lund H. Driver W. Dunderdale J. Clark H. Thornton F. Heaton H. B. Heaton D. Hawkins E. L. Thorpe A. Smith W. Myers, B.A. J. Menzies N. Walker H. Geldart	500	350	60	130	80	..	64	*	..	15
5296B	Girls' Grammar Sch., North Street.	1891	„	F. Smith D. Barrett, M.A. M. Walmsley E. V. Hicks A. Bailey A. C. Dobie A. R. Smith	..	50	..	..	..	..	50	..	..	..
	KINSLEY:													
5407A	National Schools	—	W. Sutton	E. N. Waterson J. P. L. Allott	40	30	..	..	..	..	..	..	..	..

ENGLAND.

VIB. Theoretical Mechanics, *Fluids.*	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	VIIIA. Sound.	VIIIB. Light.	VIIIC. Heat.	A.VIII. & IX. Alternative Physics.	IX. Magnetism and Electricity.	X. *t.* Inorganic Chemistry (Theory).	X. *p.* Inorganic Chemistry (Practl.)	XI. *t.* Organic Chemistry (Theory).	XI. *p.* Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Human Physiology.	XV. General Biology.	XVI. Zoology.	XVII. Botany.	XVIII. Principles of Mining.	XIX. Metallurgy, Theory.	XIX. *p.* Metallurgy, Pracl.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.	XXV. Hygiene.
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ENGLAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Science.	I. Practical Plane & Solid Geometry.	II. Machine Construcⁿ & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	4 & 5.	6 & 7.	VIA. Theoretical Mechanics, *Solids.*
	YORKSHIRE—*cont.*													
	KNARESBOROUGH:													
5126	Literary Institution, Girls' National School, Castle Yard.	1894	A. Gibson	T. Watson	12	5	2	..	3	..	..	..	..	..
5294	Grammar School, Vicarage Lane.	1878	W. Bowler	R. Harvie	20	20	6	..	..	..	20	..	..	..
	KNOTTINGLEY:													
5293	*National School, Rope Walk.*	*1890*	*F. E. Egerton*	*T. Ramsden*	*30*	*12*	*12*	..	..	..	..	..	..	..
	LEEDS:													
†15,106	Central Higher Grade School, Woodhouse Lane.	1885	W. Packer	J. Petty J. Barron T. Merton A. L. Shires A. Cheetham E. G. Cockburn J. H. Atha A. B. Dixon W. Catlow H. Whitley G. G. Hague T. Hudson H. S. Myers H. Rhodes F. Macpherson J. Lang H. T. Todd W. Wallace, M.A. J. R. Airey, B.Sc. R. Roberts T. P. Holgate S. A. Smith S. Parrish C. S. Young J. H. Webster L. Wilkinson W. J. Bees W. Parsons D. Forsyth, M.A., D.Sc. J. Strong L. A. Glynn W. P. Welpton, B.Sc. H. E. Rayner, B.Sc. H. Molyneux J. C. Grenfell E. J. Murdoch F. Foster J. E. Milner, B.Sc. W. W. Orrell, B.Sc. T. Bagnall J. W. Ryder P. Mottey, B.Sc. K. Parkin M. Boyle A. Douglas K. Dunn	2100	1550	841	87	40	..	654	8	8	30
15,106A	School Board Offices, Calverley Street.	1895	"	J. Petty J. Barron	150	..	..	..	..	..	..	..	..	..
5300	*Board School, Green Lane.*	*1876*	"	*P. Rawlinson* *H. Birkby*	*50*	*10*	..	..	..	..	..	..	..	..
5301B	*Board School, Bramley.*	*1884*	"	*H. Wilson* *E. Stephenson*	*60*	..	..	..	..	..	..	..	..	..
5301S	Board School, Primrose Hill.	—	"	W. J. Gwillam	50	..	..	..	..	..	..	..	..	..

ENGLAND.

VIB. Theoretical Mechanics, *Fluids*.	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	VIIIA. Sound.	VIIIB. Light.	VIIIC. Heat.	*A.* VIII. & IX. Alternative Physics.	IX. Magnetism and Electricity.	X. *t.* Inorganic Chemistry (Theory).	X. *p.* Inorganic Chemistry (Practl.)	XI. *t.* Organic Chemistry (Theory).	XI. *p.* Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Human Physiology.	XV. General Biology.	XVI. Zoology.	XVII. Botany.	XVIII. Principles of Mining.	XIX. Metallurgy, Theory.	XIX. *p.* Metallurgy, Pracl.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.	XXV. Hygiene.
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ENGLAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Science.	I. Practical Plane & Solid Geometry.	II. Machine Construcn & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages. 1,2,3.	4 & 5.	6 & 7.	VI. Theoretical Mechanics, *Solids.*
	YORKSHIRE—*cont.*													
	LEEDS—*cont.*													
5301Y	Board School, Jack Lane.	1886	W. Packer -	F. G. Heseldin - C. H. Naylor -	..	*	55	..	..	..	..	..	..	..
5302	Board School, Burley Road.	1892	" -	W. Catlow - - W. Butler - -	50	20	..	20	..	..	..	..	..	..
5304	St. Peter's Church Sch., Dewsbury Road.	—	J. Dibbs -	J. E. Moore - J. H. Pullan -	..	45	..	40	..	..	..	..	..	..
5312	Church Middle Class School, Vernon Road.	1873	M. Rower -	F. G. Harmer - M. E. Cocking - R. E. Bruce - G. E. Welch -	30	80	..	..	..	..	60	..	..	10
[redacted]	School of Science and Art, Mechanics' Institute, Cookridge Street.	1847	J. O. Dayson -	H. Rider - - A. Palmer - - A. J. Rushton - J. T. Friedenson E. S. Ounsworth S. J. Harris - G. F. Burn - - H. H. Holbeche - R. W. Fergnson - B. A. Burrell - W. P. Welpton - C. Darling - - T. Tate - - C. B. Howdill - B. Garbutt - - — Parsons - -	600	586	40	100	195	..	175	..	..	10
5319	Mechanics' Institute, Institution Street, Woodhouse.	1869	T. Handley -	G. Hutchinson - P. Bentley - - L. Perkins - - F. Barraclough - G. K. Sanderson E. Carratt - - T. A. Thackray - H. Bennett - -	34	96	15	20	20	..	20	4	..	12
5320	Working Men's Hall, Park Street.	1868	B. Butterfield	T. Cockshott - A. Jones - -	30	40	*	*	*	..	..	..	..	..
5323	Yorkshire Ladies' Council of Education, Carlton Court, 90, Albion Street.	1887	A. D. McCombe.	K. A. Dunn - -	..	30	..	..	..	..	..	..	..	..
5550	Board School, Armley	—	W. Packer -	F. Stead - -	50	..	..	..	..	..	..	..	..	..
5551	Primitive Methodist School, Joseph Street.	1882	W. Wilks -	J. E. Moore - J. H. Pullan -	..	40	..	30	..	..	..	..	..	..
†5561	Higher Grade Board School, Bewerley Street.	1882	W. Packer -	I. J. Green - - J. W. Goodyere - R. Pendlebury - J. H. Kaye - - W. Peaker - - C. E. Whitaker - J. Hembrough - J. Petty - - A. L. Shires - J. H. Atha - - A. B. Dixon - G. G. Hague - H. Whitley - C. R. Davy - - O. B. Milnes - J. Carmichael - T. Hudson - -	370	340	70	50	20	..	120	..	..	..
	LINDLEY:													
5569	Mechanics' Institute, Lidget Street.	1882	J. W. Wood -	B. Shaw - - E. Brook - - C. H. Firth - - J. B. Hinchliffe - G. R. Hoyle - A. H. Whiteley - S. L. Mosley - W. Moody - -	60	75	5	15	15	..	15	..	..	..

ENGLAND.

Theoretical Mechanics, *Fluids*. VIB.	Applied Mechanics. VII.	Sound, Light, and Heat. VIII.	Sound. VIIIA.	Light. VIIIB.	Heat. VIIIC.	Alternative Physics. *A*, VIII. & IX.	Magnetism and Electricity. IX.	Inorganic Chemistry (Theory). X, *t*.	Inorganic Chemistry (Practl.). X, *p*.	Organic Chemistry (Theory). XI, *t*.	Organic Chemistry (Practical). XI, *p*.	Geology. XII.	Mineralogy. XIII.	Human Physiology. XIV.	General Biology. XV.	Zoology. XVI.	Botany. XVII.	Principles of Mining. XVIII.	Metallurgy, Theory. XIX.	Metallurgy, Pracl. XIX, *p*.	Navigation. XX.	Nautical Astronomy. XXI.	Steam. XXII.	Physiography. XXIII.	Principles of Agriculture. XXIV.	Hygiene. XXV.
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ENGLAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Science.	I. Practical Plane & Solid Geometry.	II. Machine Construction & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	4 & 5.	6 & 7.	VIa. Theoretical Mechanics, Solids.
	YORKSHIRE—*cont.*													
	LINGDALE:													
5524	Miners' Institute, Dale Terrace.	1882	J. Calow -	W. B. Casson - G. Whitbread -	20	16	8	..	..	..	..	..	..	..
	LIVERSEDGE:													
5386	Technical School, Knowler Hill (late Science and Art School, Hightown).	1891	H. Horrox -	A. Dean - T. W. Lockwood I. Burley -	120	100	40	40	20	..	..	..	..	..
5536	Millbridge Board School, Frost Hill.	1894	"	A. Dean - E. Pickern -	80	80	40	..	..	..	..	..	..	..
	LONGWOOD:													
5346	Grammar School, Cliffe End.	—	J. L. Mitton -	A. Borrows - B. Shaw - J. E. Bottom - A. W. Elliott -	40	30	30	..	..	..	20	..	..	..
	LOW MOOR:													
5142	Raw Nook National School.	1891	A. Anderton, J.P.	B. B. Hall - J. H. Wilkinson	56	56	..	..	..	..	..	..	..	..
	LUDDENDEN FOOT:													
5347	*Mechanics' Institute, Burnley Road.*	*1886*	*C. W. Moses* -	*T. E. Dearden* -	..	*15*	*5*	..	..	..	*10*	..	..	..
	MAPPLEWELL:													
5404	Darton Board School -	1891	W. Pickering -	J. Wood -	..	16	..	..	..	..	..	..	..	..
	MARSKE-BY-THE-SEA:													
5348	*Mr. Taylor's Office, High Street.*	*1875*	*H. Ditchburn*	*R. Taylor* -	..	*15*	..	..	..	..	..	..	..	..
	MARSKE (NEW):													
5349	Miners' Institute, Gurney Terrace.	1875	W. Clement -	G. G. Murray - J. Strong -	20	28	..	..	..	..	..	..	..	..
	MELTHAM:													
5123	St. James' Sch., Meltham Mills.	1893	C. Brook -	S. Jackson -	..	6	..	..	..	..	..	..	..	..
	MEXBORO':													
5355	*Garden Street Board School.*	*1890*	*W. P. Holmes*	*G. Burden* -	*25*	*5*	*5*	..	..	..	..	..	..	..
	MIDDLESBROUGH-ON-TEES:													
5356	Schoolrooms, Dunning Road.	1871	W. Taylor -	J. W. Watson -	30	10	10	..	..	..	..	..	..	..
5357	Wesleyan School, Corporation Road.	1879	T. C. Hutchinson.	G. Lewis - F. Towers -	..	100	60	..	..	..	75	..	..	..
5410	Senior Boys' and Girls' School, Grange Road.	1894	J. T. Belk -	E. Beckwith - A. Kirkpatrick -	..	90	..	..	..	..	50	..	..	..
5431	Victoria Road Boys' School.	1893	"	W. Goddard - A. W. Taylor - C. Mare -	..	70	60	..	..	..	50	..	..	..
5517	Zion Love Memorial School, Oak Street, Corporation Road.	1893	G. P. Hudson	J. Maddison -	100	..	..	..	..	..	..	..	..	..
†5587	High School -	1885	R. L. Kirby -	F. W. Poole - L. Johnson - F. Moorsom - M. K. Dixon - Rev. C. Wardle - W. Goddard - J. A. Jones, B.Sc. - F. Doyle - D. G. Harris - C. M. Young -	50	300	25	65	35	15	65	..	..	15

ENGLAND.

Theoretical Mechanics, *Fluids*. VIB.	Applied Mechanics. VII.	Sound, Light, and Heat. VIII.	Sound. VIIIA.	Light. VIIIB.	Heat. VIIIC.	Alternative Physics. *A.* VIII. & IX.	Magnetism and Electricity. IX.	Inorganic Chemistry (Theory). X. *t.*	Inorganic Chemistry (Practl.) X. *p.*	Organic Chemistry (Theory). XI. *t.*	Organic Chemistry (Practical). XI. *p.*	Geology. XII.	Mineralogy. XIII.	Human Physiology. XIV.	General Biology. XV.	Zoology. XVI.	Botany. XVII.	Principles of Mining. XVIII.	Metallurgy, Theory. XIX.	Metallurgy, Pracl. XIX. *p.*	Navigation. XX.	Nautical Astronomy. XXI.	Steam. XXII.	Physiography. XXIII.	Principles of Agriculture. XXIV.	Hygiene. XXV.
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ENGLAND

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	YORKSHIRE—*cont.*													
5230	MIDDLESTOWN: National School	1891	J. W. Peace	G. R. Smith	..	12	..	12	..	..	..	..	..	..
15,110	MIRFIELD: National Girls' School, Nab Street.	1885	S. Chadwick	J. Buckley	30	6	6	..	..	..	..	..	..	..
5344A	Grammar School	1891	T. E. Nevin	J. Buckley, G. Green, J. Taylor	20	15	..	..	..	..	..	..	..	..
593	MORLEY: Peel Street Board School.	1885	R. Brown	A. Jones, B. O. Johnson, W. B. Pindar, P. Buckley, W. Peaker, W. Readwin, J. E. Gomersall, J. Cryer	50	150	50	30	35	..	20	..	..	..
5509	MYTHOLMROYD: Board School, Burnley Road.	1880	J. Whitehead	A. Crossley	..	10	..	10	..	..	..	..	..	..
5265B	NORMANBY: Board School	1892	J. W. Harrison	R. W. Bacon	..	20	..	..	..	..	..	..	..	..
5359	NORMANTON: Central Board School, Queen Street.	1891	J. M. Wilson	J. G. Wood, F. Cumbirbirch, A. N. Lawrence, J. Wood	40	80	40	..	20	..	..	..	..	..
5519	NORTHALLERTON: Wesleyan School, Main Street.	1893	W. Charlton	A. Nelson	20	10	10	..	..	..	..	..	..	..
5369	OAKWORTH: Mechanics' Institute, Chapel Lane.	1870	W. Johns	J. Perrin, T. W. Anderton	30	20	*	*	..	..	..	..	..	..
15,115	OSSETT: Mechanics' Institute and Technical School, Station Road.	1885	T. W. Frankland.	W. Gledhill, I. Patchett, G. R. Smith	50	50	..	*	..	..	..	..	..	..
5371	OTLEY: Mechanics' Institute, Cross Green.	1871	H. Johnstone	T. Ramsden, F. Barker, J. R. Haywood, W. Wilson	60	40	10	5	30	..	..	..	..	..
5217	OVENDEN: Board, School, Moorside.	1882	C. A. Trigg	H. Read, H. Bairstow, B. Lassey, A. Brear, B.Sc.	28	40	..	12	..	..	12	..	..	..
5383	PARKGATE: Central Board School, Netherfield Lane, Rawmarsh and Parkgate N.	1852	W. H. Corbridge.	H. Green	..	20	..	..	..	..	..	..	..	..
5518	PENISTONE: Grammar School, Weirfield.	1893	C. Hodgkinson	E. Haigh, J. W. Fulford, M.A., W. Hallas, H. L. Crockett	40	60	12	10	..	..	25	..	..	..
5518A	Church School, Church Street.	1893	"	E. Haigh, E. H. Wakefield	40	..	..	..	..	..	..	..	..	..

ENGLAND.

Theoretical Mechanics, *Fluids*. VIb.	Applied Mechanics. VII.	Sound, Light, and Heat. VIII.	Sound. VIIIa.	Light. VIIIb.	Heat. VIIIc.	Alternative Physics. A.VIII. & IX.	Magnetism and Electricity. IX.	Inorganic Chemistry (Theory). X. t.	Inorganic Chemistry (Practl.) X. p.	Organic Chemistry (Theory). XI. t.	Organic Chemistry (Practical). XI. p.	Geology. XII.	Mineralogy. XIII.	Human Physiology. XIV.	General Biology. XV.	Zoology. XVI.	Botany. XVII.	Principles of Mining. XVIII.	Metallurgy, Theory. XIX.	Metallurgy, Pract. XIX. p.	Navigation. XX.	Nautical Astronomy. XXI.	Steam. XXII.	Physiography. XXIII.	Principles of Agriculture. XXIV.	Hygiene. XXV.
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ENGLAND.

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	YORKSHIRE—*cont.*													
	PICKERING:													
5259A	National School -	1894	W. Mennell -	E. A. Brown - -	24	10	10	..	..	..	..	..	..	..
	PONTEFRACT:													
5260	King's School - -	1890	G. Broadhead, J.P.	Rev. T. H. Nichols, M.A. - W. J. Deeley - F. S. Thetford, B.A. - - - H. C. Simpson, B.A. - - - E. G. Ashley - C. W. Tomlinson	150	140	..	*	*	..	70	..	..	..
	PUDSEY:													
5375	Mechanics' Institute, Waver Green.	1873	W. B. Burnell	C. Mawson - - S. Hutton - - B. Hutton - - C. R. Davy - - G. W. Ebbage - W. H. Mann - S. A. Lumby - J. W. Hepworth	90	120	12	40	25	..	20	..	..	..
	QUEENSBURY:													
5390	*Victoria Hall, Sandbeds.*	*1891*	*F. P. Rushworth.*	*J. Atherton* - *J. W. Atherton* - *A. Newell* - - *F. Robinson, B.A.* - - -	*12*	*50*	*14*	*12*	*16*	..	*14*	..	..	..
	RASTRICK:													
†5525	Grammar School, Ogden Lane.	1879	W. H. Hodgson.	B. Shaw - - Rev. E. N. Langham, M.A. - C. E. Popplestone J. C. Barnacle -	52	36	12	..	..	..	30	..	..	..
	REDCAR:													
15,117	Sir W. Turner's, Coatham Grammar School, Coatham Road.	—	J. E. F. Rutherford.	C. Thompson, B.Sc. - - - W. P. Spencer - A. Pryce, M.A. -	25	40	..	..	..	..	*	..	..	..
15,129	Observatory Hall, Station Road, Coatham.	1886	F. H. Cooke -	J. Liddle - - J. Watson - -	20	54	10	..	..	..	..	..	..	..
15,117B	*Turner's Hospital, Kirkleatham.*	*1891*	*J. E. F. Rutherford.*	*T. Bland* - -	*15*	..	..	..	..	..	..	..	..	..
	RIPON:													
5378	Mechanics' Institute Old Market Place.	—	T. A. Handsley	T. Watson - -	25	12	9	..	3	..	..	..	..	..
	RIPPONDEN:													
5231	Technical Institute, Shaw Terrace.	1891	Rev. J. Gledhill	W. Clark - - R. Watson - - W. Cliffe - -	18	28	..	14	..	..	..	..	..	..
5231A	*National School* -	*1893*	"	*W. Atherton* -	..	*17*	*17*	*17*	..	..	..	..	..	..
5231B	Zion Congregational School.	1895	"	W. Cliffe - -	..	14	..	14	..	..	..	..	..	..
	RODLEY:													
5526	Free Methodist Church Schoolroom, Calverley Lane.	1891	H. Crossley -	H. Bennett - -	..	25	..	25	..	..	..	..	..	..

ENGLAND.

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ENGLAND.

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	YORKSHIRE—*cont.*													
	ROTHERHAM:													
A 5385	School of Science and Art, Effingham Street.	1872	H. H. Hickmott.	G. A. Illston E. Fanshaw G. H. Boardman A. Illston F. Holden E. E. Dufty J. C. Platts J. T. Rushforth P. Slack R. F. Waites J. Brazier J. Badger	120	110	5	15	10	..	40	..	..	..
5391	*Grammar School, Moorgate.*	*1890*	*P. Bancroft Coward.*	*H. Heap, B.Sc.* *E. Witham, B.A.* *M. Pearson, B.A.*	*25*	*45*	*25*	*12*	..	..	*30*	..	..	*10*
	SALTBURN-BY-THE-SEA:													
5443	Saltburn and Cleveland Institute, Amber Street.	1893	T. W. Rapp	J. Maddison	40	..	..	..	..	..	..	..	..	..
	SCARBOROUGH:													
5401	St. Martin's School, Ramshill Road.	1885	J. Bland	T. Raven H. King	..	40	..	..	..	..	40	..	..	..
A 5402	School of Science and Art, Vernon Place.	1882	A. W. Tomlinson.	A. G. Strange E. Edwards A. E. Horsley W. Bevan F. Foster A. Strange	180	50	40	10	20	2	..	..	..	..
5584	Central Board School, Melrose Street.	1884	W. Ascough	W. T. Northorp J. G. Brewin H. King, B.Sc.	..	100	..	..	..	..	..	..	..	..
5584A	Board School, Gladstone Road.	1892	"	A. Strange E. Edwards J. G. Brewin D. W. Bevan W. Bevan	100	60	20	..	..	..	..	..	..	..
	SCORTON:													
5541	*Grammar School*	*1893*	*Rev. D. Mallinder.*	*W. Parlour* *F. Swanston* *W. Sanderson*	*15*	*20*	*6*	..	..	..	..	..	..	..
	SEDBERG:													
5507	*National School, Main Street.*	*1892*	*H. Crane*	*T. Dennis*	*	..	..	..	..	..	..	..	..	..
	SELBY:													
A 5408	School of Science and Art, Subscription School, New Lane.	1872	T. S. Ullathorne.	J. K. Robinson	94	30	10	6	6	..	..	..	..	..
5409	Mechanics' Institute, Park Street.	1888	E. Swain	C. Connell	..	12	..	..	..	..	..	..	..	..
	SHEFFIELD:													
† 15,102	Technical School, St. George's Square.	1885	W. Swift	F. H. Rawson W. Ripper R. S. Thompson G. Unwin J. O. Arnold F. Boulden J. Jefferson F. K. Knowles J. K. Preston J. Husband E. H. Crapper W. Blackmore J. Stebbings J. R. Wigfull F. Ibbotson, B.Sc.	85	575	60	100	30	..	110	*	*	40

ENGLAND.

Theoretical Mechanics, *Fluids*. VIb.	Applied Mechanics. VII.	Sound, Light, and Ht. VIII.	Sound. VIIIa.	Light. VIIIb.	Heat. VIIIc.	Alternative Physics. A.VIII. & IX.	Magnetism and Electricity. IX.	Inorganic Chemistry (Theory). X. *t*.	Inorganic Chemistry (Practl.). X. *p*.	Organic Chemistry (Theory). XI. *t*.	Organic Chemistry (Practical). XI. *p*.	Geology. XII.	Mineralogy. XIII.	Human Physiology. XIV.	General Biology. XV.	Zoology. XVI.	Botany. XVII.	Principles of Mining. XVIII.	Metallurgy, Theory. XIX.	Metallurgy, Pracl. XIX. *p*.	Navigation. XX.	Nautical Astronomy. XXI.	Steam. XXII.	Physiography. XXIII.	Principles of Agriculture. XXIV.	Hygiene. XXV.
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ENGLAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Science.	I. Practical Plane & Solid Geometry.	II. Machine Construc" & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	4 & 5.	6 & 7.	VIa. Theoretical Mechanics, Solids.
	YORKSHIRE—*cont.*													
	SHEFFIELD—*cont*													
5416	Board School, Pye Bank, Nottingham Cliffe.	1891	J. F. Moss	R. S. Brown	..	15	..	15	..	..	..	..	..	..
5416A	Board School, Gleadless Road.	1893	"	A. H. Tuck	10	..	..	..	..	..	..	..	..	..
5417	Board School, Huntsman's Gardens, Attercliffe.	1891	"	P. T. Gill	..	30	..	30	..	..	..	..	..	..
5418	Board School, Sharrow Lane.	1891	"	A. H. Tuck	35	..	..	..	..	..	..	..	..	..
5420	Royal Grammar School, Collegiate Crescent.	1886	J. B. Wheat	E. Senior J. H. Hodgetts J. Latham S. A Moor A. E. Dunstan	..	70	..	..	..	..	53	..	..	12
5423	Church of England Educational Institute, St. James' Street.	1868	J. T. Darwent	A. O'Neal G. Inman J. Little W. Bruce	150	200	90	70	..	..	..	..	..	..
5426	*Board School, Philadelphia, West Don Street.*	*1891*	*J. F. Moss*	*A. Good* *S. M. Schindler*	..	*25*	..	*40*	..	..	..	..	..	..
A5427	School of Science and Art, Arundel Street.	1843	A. Wightman	J. T. Cook H. Archer J. R. Duffield G. Burden J. A. Lloyd B. H. Howe W. Petch R. Blackwell E. A. Wing	400	50	50	10	10	..	..	..	..	..
5428	Attercliffe Board School, Baldwin Street.	1875	"	W. E. Bullmore	20	6	6	..	8	..	..	..	..	..
5432	College of Pupil Teachers, Cavendish St.	1887	Rev. C. Leteux	E. Green E. Larway M. Hearne	20	30	30	..	..	..	..	..	..	..
5433	Firth College, Bow Street.	1892	E. Drury	F. W. Hardwick, M.A.	..	15	..	..	..	..	..	..	..	..
5434	Parish Church Schools, Queen Street.	1894	H. W. Lockwood.	A. O'Neal A. E. Watson M. Booth C. A. Whatmore C. W. Cowen P. H. Gardiner C. Nicholls	175	164	40	..	..	..	36	..	..	.
†5436	Central Board School, Leopold Street.	1880	J. F. Moss	J. E. Taylor, M.A. B.Sc. B. M. Stockwell, B.Sc. C. L. E. Heath J. Fanshaw P. Jones H. Wild C. A. Whatmore W. I. Hacker E. L. Cotton J. W. Gilbert C. Bradshaw C. P. Kemp F. Smith F. Ibbotson, B.Sc. J. G. Picknett E. Atkins, B.A.	300	1200	80	350	80	..	140	5	..	50
5436A	Pupil Teachers' Centre, Old Free Writing School, School Croft.	1893	"	J. Batey	65	65	..	..	..	..	..	..	..	..
5436B	*Manual Instruction Centre, Holly Street.*	*1894*	"	*C. W. D. Boxall*	..	*30*	*30*	..	..	..	..	..	..	..

ENGLAND.

VIb. Theoretical Mechanics, *Fluids.*	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	VIIIa. Sound.	VIIIb. Light.	VIIIc. Heat.	*A*.VIII. & IX. Alternative Physics.	IX. Magnetism and Electricity.	X. *t*. Inorganic Chemistry (Theory).	X. *p*. Inorganic Chemistry (Practl.)	XI. *t*. Organic Chemistry (Theory).	XI. *p*. Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Human Physiology.	XV. General Biology.	XVI. Zoology.	XVII. Botany.	XVIII. Principles of Mining.	XIX. Metallurgy, Theory.	XIX. *p*. Metallurgy, Pracl.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.	XXV. Hygiene.
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ENGLAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Science.	I. Practical Plane & Solid Geometry.	II. Machine Construcⁿ & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	4 & 5.	6 & 7.	VIA. Theoretical Mechanics. Solids.
	YORKSHIRE—*cont.*													
	SHEFFIELD—*cont.*													
5499	Board School, Bow Street.	1894	J. F. Moss	E. Snelgrove; S. Wright; C. W. D. Boxall; J. Turner; J. Stebbings, B.A., B.Sc.	100	80	80	..	..	..	50	..	..	..
5570	Board School, Queen's Road.	1882	A. Wightman	W. E. Bullmore	20	9	6	..	3	..	..	..	..	..
	SHIPLEY:													
A.5395	School of Science and Art, The Salt Schools, Victoria Road.	1869	W. Fry	E. Renard; A. L. Walbank; M. Greening; F. Bastow, B.A., B.Sc.; W. B. Pimlott, M.A.; J. H. Howgate; W. Stevenson; H. Hodgson; H. Byles; E. Thompson	300	300	50	30	20	..	125	..	..	30
	SILSDEN:													
5444	Mechanics' Institute, Kirkgate.	—	R. P. Holdsworth.	F. Fishburn; F. G. Greenwood; J. W. Fishburn	24	18	..	..	*	..	..	..	..	..
	SKELTON-IN-CLEVELAND:													
5412	Board School, Stanghow Lane.	1883	J. Henderson	T. Rixham	9	10	5	..	..	..	..	..	..	..
5412A	Infant School, West End.	1889	"	J. Douglas	15	15	*	..	..	..	*	..	..	..
5412B	Board School, Boosbeck.	1894	"	W. B. Casson; G. Whitbread	12	15	3	..	..	..	..	..	..	..
	SKINNINGROVE:													
5445	Miners' Institute, Carlin How.	1875	T. Chapman	R. Matthew; M. Robinson; T. Forrest	20	40	..	..	..	..	..	..	..	10
	SKIPTON:													
5491	Science and Art Schools, High Street.	1894	J. Dodgson	A. A. Wright; W. T. Shuttleworth; H. Geldart; R. G. Phillip; S. F. Stell	100	60	16	8	12	..	8	..	..	..
5503	Wesleyan Higher Grade School, Water Street.	1893	G. H. Mason	W. H. Walker; W. Swire	..	15	..	..	..	..	7	..	..	..
	SLAITHWAITE:													
15,124	Lower Slaithwaite National School, Bankgate.	1895	Dr. E. Dean	J. Quinn	20	12	12	..	..	..	..	..	..	..
	SOUTH BANK:													
5520	Board School, Princess Street.	1895	W. R. Thomas	G. W. Stephens	..	20	..	..	..	..	..	..	..	..
	SOUTH KIRKBY:													
5407	National Schools	1895	W. Sutton	W. H. Schilling; J. P. L. Allott	40	30	..	..	..	..	..	..	..	..
	SOWERBY BRIDGE:													
5449	Board School, Tuel Lane.	1889	N. C. Godby	J. H. Hoyle; H. Jarvis; A. J. Dodd; J. S. Goldthorpe; J. W. Whiteley; E. Magson	30	53	..	35	..	..	..	..	..	..
	STAINLAND:													
5450	Bowling Green Board School.	1890	A. S. Rogers	W. E. Sleigh	20	..	..	..	..	..	..	..	..	..

ENGLAND.

Theoretical Mechanics, *Fluids*. VIB.	Applied Mechanics. VII.	Sound, Light, and Heat. VIII.	Sound. VIIIA.	Light. VIIIB.	Heat. VIIIC.	Alternative Physics. *A*. VIII. & IX.	Magnetism and Electricity. IX.	Inorganic Chemistry (Theory). X. *t*.	Inorganic Chemistry (Practl.). X. *p*.	Organic Chemistry (Theory). XI. *t*.	Organic Chemistry (Practical). XI. *p*.	Geology. XII.	Mineralogy. XIII.	Human Physiology. XIV.	General Biology. XV.	Zoology. XVI.	Botany. XVII.	Principles of Mining. XVIII.	Metallurgy, Theory. XIX.	Metallurgy, Pracl. XIX. *p*.	Navigation. XX.	Nautical Astronomy. XXI.	Steam. XXII.	Physiography. XXIII.	Principles of Agriculture. XXIV.	Hygiene. XXV.
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ENGLAND.

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	YORKSHIRE—*cont.*													
	STANNINGLEY:													
5462	Church Schools, Town Street.	1892	W.H. Thrippleton.	H. Bennett - -	..	20	..	20	..	..	..	..	..	..
	STOKESLEY:													
5492	Preston Grammar School, College Square.	1892	A. L. Carrick	J. W. Watson - ; St. J. F. Mitchell ; H. Fawcett, M.A.	40	40	*	..	..	..	40	..	..	..
	SUTTON-IN-CRAVEN:													
5456	National School - -	1869	Rev. R. W. Wilson.	F. Watson - - ; A. Clough - -	10	12	..	..	..	..	12	..	..	..
	SWINTON:													
5453	*Swinton Bridge Board School.*	*1886*	*T. Bond* -	*C. W. Fretwell* -	..	*12*	..	..	..	..	*6*	..	..	..
	TADCASTER:													
5457	Grammar School -	1879	G. Hollings -	W. Callum, B.A. ; F. E. Callum -	25	25	..	..	..	..	20	..	..	..
	THORNABY-ON-TEES:													
5510	*Mechanics' Institute* -	*1869*	*J. Watson* -	*J. W. Watson* - ; *H. C. Farrar* - ; *C. T. Johnson* -	*10*	*10*	*10*	..	*10*	*10*	..	..	..	..
	THORNE:													
5414	Board School, Fieldside	1893	Rev. J. J. Littlewood.	C. F. Constable -	25	25	..	..	..	..	18	..	..	10
	THORNTON (NEAR BRADFORD):													
5465	Mechanics' Institute, Market Street.	1876	A. Drake -	W. J. Boyes - ; H. Harper - -	60	20	15	..	..	..	..	..	..	..
5468	Grammar School, New Road.	1890	Dr. C. Yeoman	T. Waldron, B.A.- ; A. Harwood -	24	12	..	..	..	..	10	..	..	..
	UPPERMILL:													
5185	Mechanics' Institute, Court Street.	1870	J. Bottomley -	A. E. Wood - ; J. Noble - - ; W. F. Holroyd -	12	20	*	*	..	..	..	..	..	..
5185A	Church School, Lee St.	1895	" -	W. F. Holroyd -	..	*	..	..	..	..	..	..	..	..
	WAKEFIELD:													
A5471	Technical School, Sch. of Science and Art, Bell Street.	1868	J. Falding -	J. Swire - - ; F. C. J. Cockburn ; T. Batty - - ; C. R. Davy - - ; T. Jackson - ; J. W. D. McPherson, B.A. - - ; J. S. Stollard, M.A. - - ; T. Tate - - ; J. Y. Walker - ; C. T. Wilby - ; A. Williamson - ; J. Wood - -	300	275	70	60	36	..	26	..	..	..
5474	Queen Elizabeth's Free Grammar School, Northgate.	1891	R. E. Langhorn.	H. A. Brooke . ; J. S. Stollard, M.A. - - - ; J. W. D. McPherson, B.A. - -	75	100	25	..	..	..	15	..	..	..
5474A	Endowed School for Girls, Wentworth House, St. John's.	1891	" -	C. E. A. Cox - ; R. Patterson - ; G. McCorben - ; A. Janau - -	70	31	..	..	..	..	31	..	..	..
5502	Silcoates School, Alverthorpe.	1892	W. J. Skinner	M. Allaun - - ; O. N. Roberts - ; W. Field, M.A. - ; S. Jefferson - ; J. S. Stollard, M.A. - - -	40	30	..	..	..	..	30	*	..	6
5532	Wesleyan Day School, Thornhill Street.	—	H. Richardson	E. Handley - -	..	40	..	..	..	..	..	..	..	..

ENGLAND.

VIb. Theoretical Mechanics, *Fluids*.	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	VIIIa. Sound.	VIIIb. Light.	VIIIc. Heat.	*A* VIII. & IX. Alternative Physics.	IX. Magnetism and Electricity.	X. *t*. Inorganic Chemistry (Theory).	X. *p*. Inorganic Chemistry (Practl.)	XI. *t*. Organic Chemistry (Theory).	XI. *p*. Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Human Physiology.	XV. General Biology.	XVI. Zoology.	XVII. Botany.	XVIII. Principles of Mining.	XIX. Metallurgy, Theory.	XIX. *p*. Metallurgy, Pracl.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.	XXV. Hygiene.
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ENGLAND.

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	YORKSHIRE—*cont.*													
	WATH-ON-DEARNE:													
5475	Mechanics' Institute, Barnsley Road.	1886	T. Nash - -	G. Burden - - ; A. E. Beatson -	60	16	10	3	3	..	..	..	..	..
	WHARNCLIFFE (SILKSTONE COLLIERY):													
5478	*Drawing Office - -*	*1890*	*C. C. Ellison -*	*T. Jameson - -*	..	*12*	..	*12*	..	..	..	..	..	..
	WHITBY:													
5489	St. John's Boys' School	1890	Rev. N. S. Fox	W. H. Hamilton -	40	40	12	..	..	..	..	..	..	..
	WINDHILL:													
5395	Woodend Board Sch. -	1890	W. Popplestone.	F. Bergan - - ; J. R. G. Exley - ; J. R. Granville -	85	..	..	..	..	..	..	..	..	..
	WOMBWELL:													
5484	Board School, 10, Barnsley Road.	1880	J. Robinson -	M. Washington - ; E. Noble - - ; J. Shillito - -	20	..	..	..	..	..	..	..	..	..
5485	Co-operative Hall, High Street.	1889	A. J. Wroe -	W. Allott - - ; A. E. Allott -	..	40	..	..	..	..	..	..	..	..
	WORTLEY (LOWER):													
5482	Working Men's Inst. -	1875	R. H. Parkin	T. Morton - -	60	20	20	..	..	..	..	..	..	..
	YARM:													
5311	Grammar School - -	1894	J. R. Clapham	J. Burton - -	..	24	..	..	..	..	16	..	..	..
	YEADON:													
5486	Mechanics' Institute, Town Hall, High St.	—	H. W. Long -	S. S. Smith - - ; W. Wilson - -	40	25	10	..	..	..	..	..	..	..
	YORK:													
5490	Wesleyan Schools, Priory Street.	—	S. Ibbetson -	W. C. Senior - ; H. A. Skerry -	40	70	..	..	..	..	..	..	..	..
A5494	School of Science and Art, St. Leonard's Place.	1842	A. H. Furnish	A. W. Turner - ; J. H. Horwill - ; F. Judd - - ; T. Cossins - - ; L. T. Taylor - ; T. W. Peacock -	300	30	30	..	..	..	..	..	..	..
5494A	Technical School. Exhibition Building, St. Leonard's Place.	1893	" -	W. T. Whincup -	..	60	..	..	60	..	..	..	..	..
A5496	School of Science and Art, York Institute, Clifford Street.	1876	" -	J. Windass - - ; W. E. Hitchcock ; E. A. Brown - ; M. L. Greenwood ; J. E. Windass - ; M. Harrison -	250	70	70	..	..	..	..	..	..	..
5497	Manor Schools, St. Leonards.	1888	F. J. Munby -	G. Kenyon-Hitchcock - - - ; G. King-Hitchcock - - - ; A. M. Hunt -	25	10	..	..	..	..	..	..	..	..
5528	Elmfield College, Malton Road.	1893	Rev. G. Seaman	R. G. Heys, B.A. ; J G. Greenhalgh, M.A. - ; S. R. Slack, B.A.	..	37	..	..	..	..	37	..	..	15
5586	*Railway Institute, Queen Street.*	*1889*	*P. Burtt -*	*H. S. Myers - ; H. Rhodes - - ; C. H. Wilson, B.A. - - - ; J. Monckman, D.Sc. - - -*	..	*140*	..	*60*	..	..	*18*	..	..	..
5586B	*Laboratory, Old Station.*	*1890*	*"*	*J. Monckman, D.Sc.*	..	*24*	..	..	..	..	..	..	..	..

ENGLAND.

Theoretical Mechanics, *Fluids*. VIb.	Applied Mechanics. VII.	Sound, Light, and Heat. VIII.	Sound. VIIIa.	Light. VIIIb.	Heat. VIIIc.	Alternative Physics. A.VIII. & IX.	Magnetism and Electricity. IX.	Inorganic Chemistry (Theory). X. *t.*	Inorganic Chemistry (Practl.) X. *p.*	Organic Chemistry (Theory). XI. *t.*	Organic Chemistry (Practical). XI. *p.*	Geology. XII.	Mineralogy. XIII.	Human Physiology. XIV.	General Biology. XV.	Zoology. XVI.	Botany. XVII.	Principles of Mining. XVIII.	Metallurgy, Theory. XIX.	Metallurgy, Pracl. XIX. *p.*	Navigation. XX.	Nautical Astronomy. XXI.	Steam. XXII.	Physiography. XXIII.	Principles of Agriculture. XXIV.	Hygiene. XXV.
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WALES.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Science.	I. Practical Plane & Solid Geometry.	II. Machine Construction & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. (a)	V. (b)	V. (c)	VIA. Theoretical Mechanics, Solids.
	WALES.													
	ANGLESEA.													
[illegible]	HOLYHEAD: *Board School, Park Street.*	[illegible]	*J. Hall* - -	*W. J. Owen* - -	[illegible]	50	50	..	..	..	..	..	..	..
7443	LLANGEFNI: Board School, Bridge Street.	1891	J. J. Gray -	T. H. Hughes -	•	3	3	..	..	..	..	..	..	..
7505	MENAI BRIDGE: New Hall - - -	1893	R. W. Roberts	W. R. Griffith - ; J. R. Owen - -	15	10	10	..	..	..	..	..	..	..
	BRECONSHIRE.													
7454	BEAUFORT: Board School, Beaufort Hill.	1892	A. D. Henry -	W. T. Lewis - -	..	30	..	..	..	..	..	..	..	..
7340	BRECON: Middle Class School, Bulwark.	1881	J. C. B. Morris	T. Butcher -	..	12	..	..	..	..	1?	..	..	..
7557	YSTRADGYNLAIS: Board School, Oddfellows Street.	1896	P. Williams -	J. W. Jones - ; W. J. Thomas -	..	25	..	..	..	..	1?	..	..	..
	CARDIGAN.													
5606	ABERYSTWYTH: Board School, Lewis Terrace.	1877	R. J. Roberts	J. Clark - - ; J. A. Clark - -	[illegible]	30	..	•	•	..	..	..	..	..
[illegible] A	*University College, King Street.*	[illegible]	" -	*J. A. Murray, B.Sc.* - - ; *J. H. Salter, B.Sc.* - - ; *A. Warrington, M.Sc.* - - ; *W. J. Johnston, M.A.* - - ; *J. Clark* - -	[illegible]	•	..	..	..	..	..	..	..	..
7576	LAMPETER: St. David's College School, College Street	1884	J. Lloyd -	Rev. T. M. Evans, M.A. - - ; F. W. A. Wilson, B.A. - -	..	25	..	..	..	..	25	..	..	5
[illegible]	LLANARTH: Board School - -	1877	J. C. Jones -	R. E. Bevan - -	20	20	15	..	..	..	1?	..	..	..
[illegible]	LLANDYSUL: *Board School, Mount Pleasant Street.*	[illegible]	*D. Jones* -	*T. R. Davies* -	..	20	..	..	..	..	..	..	..	..
7137	NEWCASTLE EMLYN: [illegible] Board School	1891	D. Rees -	J. H. Lloyd - -	..	12	..	..	..	..	..	..	..	..
7464	Board School, Adpar -	1891	T. Gibbon -	D. Davies - -	..	15	..	..	..	..	15	..	..	..
6679	NEW QUAY: Towyn Schoolroom -	1876	J. O. Lloyd -	C. J. Hughes, B.A.	..	20	..	..	..	..	20	..	..	5

WALES.

Theoretical Mechanics, *Fluids*. VI b.	Applied Mechanics. VII.	Sound, Light, and Heat. VIII.	Sound. VIII a.	Light. VIII b.	Heat. VIII c.	Alternative Physics. A VIII. & A IX.	Magnetism and Electricity. IX.	Inorganic Chemistry (Theory). X. *t*.	Inorganic Chemistry (Pract.) X. *p*.	Organic Chemistry (Theory). XI. *t*.	Organic Chemistry (Practical). XI. *p*.	Geology. XII.	Mineralogy. XIII.	Human Physiology. XIV.	General Biology. XV.	Zoology. XVI.	Botany. XVII.	Principles of Mining. XVIII.	Metallurgy, Theory. XIX.	Metallurgy, Pract. XIX. *p*.	Navigation. XX.	Nautical Astronomy. XXI.	Steam. XXII.	Physiography. XXIII.	Principles of Agriculture. XXIV.	Hygiene. XXV.
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WALES.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Science.	I. Practical Plane & Solid Geometry.	II. Machine Construcⁿ & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	4 & 5.	6 & 7.	VIA. Theoretical Mechanics, Solids.
	CARDIGAN—*cont.*													
	RHYDLEWIS:													
7451	Board School	1892	J. Lewis	T. Elias	..	20	..	..	..	..	..	..	..	..
	SARNAU:													
7389	*Board School, Penmorfa.*	*1885*	*D. H. Davies*	*D. Thomas*	*6*	*8*	*6*	..	..	..	*8*	..	..	..
	CARMARTHEN.													
	AMMANFORD:													
7552	Board School, Ammanford.	1895	J. A. Constantine.	D. W. Lewis J. Lewis	14	25	..	..	..	..	*	*	*	..
	BRYNAMMAN:													
7559	Board School, Upper Brynamman.	1895	J. R. Jones	J. Gibbs J. W. Jones	8	25	..	..	..	..	*	..	..	..
	BURRYPORT:													
5621	Copper Works, Board School.	—	E. Evans	G. P. Lewis	52	45	18	..	..	..	24	..	..	..
7492	Elliott's Assay Offices, Pembrey Copper Works.	1892	"	J. H. Clutton D. T. Williams H. J. Brown W. S. Withey	..	15	..	..	..	..	..	..	..	..
	CARMARTHEN:													
5646	*Queen Elizabeth's Grammar School, Francis Terrace.*	*1887*	*E. C. Evans*	*D. F. C. Elwes*	*40*	*	..	..	..	..	*	..	..	*
5647	*The Institute, Park-y-Velvet School, Mansel Street.*	*1886*	*G, Phillips*	*E. Jones, M.A.*	..	*35*	..	..	..	..	*20*	..	..	*8*
5617A	The Institute 23, Lammas Street.	1886	"	W. Roberts T. W, Jones, M.A. J. Harry	..	50	..	..	..	..	30	..	..	6
A5619	School of Science and Art, Church Lane.	—	J. Johns	W. Jones H. E. Jones	165	20	10	4	10	..	..	..	..	..
7497	Pupil Teachers' Central Class, Pentrepoth Boys' Board School, Orchard St.	1892	Rev. C. G. Brown.	W. H. Mitchell D. M. Jones	40	50	15	..	..	..	..	..	..	..
	CLYNDERWEN:													
7477	Board School. Pantylaws.	1892	W. Thomas	G. I. Llewelyn	..	20	..	..	..	..	12	..	..	..
	FERRYSIDE:													
7511	National School, Eva Terrace.	1893	J. Lockyer	W. H. Mitchell	15	..	..	..	..	..	..	..	..	..
	KIDWELLY:													
7547	Kidwelly Art Class, Castle Schoolroom, Castle Bailey.	1895	Rev. D. D. Jones.	W. H. Mitchell	25	..	..	..	..	..	..	..	..	..
	LLANDILO:													
7548	The County Intermediate School.	1895	W. Thomas	E. L. Jones, B.A. M. Davies	..	20	..	..	..	..	20	..	..	..
	LLANDOVERY:													
5626	British School, Stone Street.	1875	J. R. James	D. S. Thomas	..	25	..	..	..	..	18	..	..	..
	LLANELLY:													
5633	Board School, Park St.	—	T. J. Williams	E. Coles J. Howell E. S. Coles	30	20	20	..	..	..	..	..	..	..
**7397*	*Higher Grade School, Coleshill Terrace.*	*1892*	*J. Jennings*	*D. H. Bowen* *J. E. Jones* *J. Lewis* *W. D. Smith* *J. H. Thomas* *J. H. Green* *A. Jones*	*30*	*100*	*26*	*30*	*80*	..	*20*	..	..	*6*

WALES.

VIb. Theoretical Mechanics, *Fluids*.	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	VIIIa. Sound.	VIIIb. Light.	VIIIc. Heat.	*A*. VIII. & IX. Alternative Physics.	IX. Magnetism and Electricity.	X. *t*. Inorganic Chemistry (Theory).	X. *p*. Inorganic Chemistry (Practl.)	XI. *t*. Organic Chemistry (Theory).	XI. *p*. Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Human Physiology.	XV. General Biology.	XVI. Zoology.	XVII. Botany.	XVIII. Principles of Mining.	XIX. Metallurgy, Theory.	XIX. *p*. Metallurgy, Pract.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.	XXV. Hygiene.
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WALES.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Science.	I. Practical Plane & Solid Geometry.	II. Machine Construction & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages. 1, 2, 3.	4 & 5.	6 & 7.	VIa. Theoretical Mechanics, Solids.
	CARMARTHEN—*cont.*													
	LLANGADOCK:													
5634	*Board School*	*1886*	*J. Morgan*	*J. F. Morgan*	..	*8*	*4*	..	..	..	*6*	..	..	..
	LLWYNHENDY:													
7521	Board School	1894	W. J. Rees	E. Coles	25	15	15	..	..	..	..	..	..	..
	PENCADER:													
7376	Grammar School	1890	J. Harries	W. H. Archdeacon; J. D. Evans	..	18	..	..	..	..	10	..	..	4
7377	Board School	1887	"	W. D. Evans	..	*	..	..	..	..	..	..	..	..
	WHITLAND:													
7538	Intermediate School Building.	1894	J. G. Rees	E. Jones, M.A.; M. Kitching, B.A.; M. Davies, B.Sc.	30	6	..	..	..	..	20	..	..	..
	CARNARVON.													
	BANGOR:													
7365	*Science and Art Institute, Caellepa.*	*1883*	*J. B. Nixon*	*W. R. Griffith; J. R. Owen*	*40*	*45*	*45*	..	..	..	..	..	..	..
7534	Friars County School, High Street.	1894	W. G. Williams.	W. R. Griffith	60	..	..	..	..	..	..	..	..	..
	BETHESDA:													
7540	County School, Penrhyn Terrace.	1895	D. G. Davies	D. J. Williams, B.A.; R. McQuade, M.A.; R. Lake	..	15	2	..	..	..	15	..	..	2
	BOTTWNOG:													
7523	The County School	1894	Rev. J. R. Williams.	E. J. Lloyd; R. H. Evans	..	7	..	..	..	..	7	..	..	..
	CARNARVON:													
7479	*Public Free Library, Bangor Street.*	*1892*	*J. H. Thomas*	*E. Hughes; D. W. Thomas*	*40*	*40*	*40*	..	..	..	..	..	..	..
	CLWT-Y-BONT:													
7544	Deiniolen Board School.	1895	W. D. Prichard.	E. H. Harding	30	30	..	..	..	..	..	..	..	..
	DENBIGH.													
	DENBIGH:													
7303	Grammar School, Park Street.	1879	T. Ashford	J. Howland, B.A.; S. Edwards, M.A.	30	25	..	..	..	..	25	..	..	..
7488	Technical School, corner of Chapel Street and Vale Street.	1892	W. Parry	E. J. Roberts	20	12	12	..	..	..	..	..	..	..
	LLANGOLLEN:													
7323	Board Schools, Parade Street.	1890	L. L. John	H. Lewis	70	50	6	..	..	..	..	..	..	..
7323A	Cefn Board School	1891	"	H. Lewis	96	40	40	..	..	..	20	..	..	..
	WREXHAM:													
A7316	School of Science and Art, Chester Street.	1888	A. Bradley	W. Fuge; J. O. Jones; J. A. Coombs; T. D. Berkley; J. Edwards; J. F. Hartin, B.A.; A. E. Leckenby, M.A.	120	30	24	12	10	..	15	..	..	..

WALES.

VIb. Theoretical Mechanics, *Fluids*.	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	VIIIa. Sound.	VIIIb. Light.	VIIIc. Heat.	*A* VIII. & IX. Alternative Physics.	IX. Magnetism and Electricity.	X. *t*. Inorganic Chemistry (Theory).	X. *p*. Inorganic Chemistry (Practl.)	XI. *t*. Organic Chemistry (Theory).	XI. *p*. Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Human Physiology.	XV. General Biology.	XVI. Zoology.	XVII. Botany.	XVIII. Principles of Mining.	XIX. Metallurgy, Theory.	XIX. *p*. Metallurgy, Pract.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.	XXV. Hygiene.
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WALES.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Science.	I. Practical Plane & Solid Geometry.	II. Machine Construction & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	4 & 5.	6 & 7.	VI. Theoretical Mechanics, Solids.
	FLINT.													
7450L	BUCKLEY: *Bistre Board School*	*1891*	*J. M. Gibson*	*A. Higson; C. Hall; J. H. Hutchings*	*15*	*34*	*14*	..	..	..	..	..	..	..
7450K	CONNAH'S QUAY: *Board School, Custom House Lane.*	*1891*	*T. Mathias*	*W. E. Parkinson*	*25*	*12*	*12*	..	..	..	..	..	..	..
7450Q	HAWARDEN: *The Institute*	*1893*	*F. Green*	*J. Hampson; J. H. Adkins; T. H. Haswell*	*25*	*50*	*	..	..	..	..	..	..	..
7450E	HOLYWELL: *Infant School. Spring Gardens, Well Street.*	*1891*	*A. F. Williams*	*P. C. Williams; W. E. Parkinson*	*40*	*25*	..	..	..	..	..	..	..	..
7450J	MOLD: *Board School, Glanrafon.*	*1891*	*J. Morgan*	*C. Marston; C. Hall; J. H. Hutchings*	*20*	*30*	*12*	..	..	..	..	..	..	..
7450	RHYL: *Technical Class Room, Brighton Road.*	*1891*	*C. W. Berrie*	*P. C. Williams; W. Welsh; J. A. Mulligan*	*	*	*12*	..	*12*	..	..	..	..	..
7450S	ST. ASAPH: *Grammar School, Denbigh Road.*	*1893*	*E. M. Easterby*	*J. A. Mulligan*	*20*	..	..	..	..	..	..	..	..	..
7450U	SHOTTON: *School, Chester Road*	*1894*	*T. Mathias*	*T. H. Haswell*	..	*12*	..	..	..	..	..	..	..	..
7450D	WHITFORD: *Pantasaph Convent School (St. Clare's).*	*1891*	*Rev. C. Hess*	*J. H. Hutchings*	*15*	..	..	..	..	..	..	..	..	..
	GLAMORGAN.													
7567	ABERAVON: Victoria Institute, Station Road.	1883	D. L. Ware	F. J. Kerr; A. Cryer; W. Martin; F. B. Smith	25	70	10	25	20	..	70	..	..	..
7559	National Schools, Church Street.	1895	H. Hayden	J. Nicholas; R. Nicholas	20	20	..	..	..	..	12	..	..	..
5602	ABERDARE: *Town Board Schools, Clifton Street.*	*1871*	*J. Morris*	*F. J. Kerr; T. E. Davies; J. O'Connor; F. N. White*	*40*	*	*20*	..	..	..	..	..	..	..
5602B	Higher Grade School, Pendarren Street.	1890	"	J. E. Morgan; T. Thomas; H. I. Rake	..	150	30	20	..	..	20	6	..	6
7482	BARGOED: *Joint Board School, Church Street.*	*1898*	*E. D. Price*	*W. Davies; G. Roblings*	*16*	*12*	..	..	..	..	..	..	..	..
7430	BARRY: Holton Road Board Schools.	1891	E. F. Blackmore.	F. J. Kerr; J. E. Rees; A. Cryer; H. T. Earl; W. J. Hosgood; A. L. Newman	25	150	12	25	25	..	25	..	..	..

WALES.

VIB. Theoretical Mechanics, *Fluids*.	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	VIIIA. Sound.	VIIIB. Light.	VIIIC. Heat.	A. VIII. & IX. Alternative Physics.	IX. Magnetism and Electricity.	X. *t*. Inorganic Chemistry (Theory).	X. *p*. Inorganic Chemistry (Practl.).	XI. *t*. Organic Chemistry (Theory).	XI. *p*. Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Human Physiology.	XV. General Biology.	XVI. Zoology.	XVII. Botany.	XVIII. Principles of Mining.	XIX. Metallurgy. Theory.	XIX. Metallurgy, Pracl.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.	XXV. Hygiene.
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WALES.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Science.	I. Practical Plane & Solid Geometry.	II. Machine Construcⁿ & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	4 & 5.	6 & 7.	VIA. Theoretical Mechanics, *Solids*.
	GLAMORGAN—*cont.*													
	BEDLINOG (NEAR TROEDYRHIW):													
7372	Board School, Cwmfelyn.	1891	W. P. Morgan	S. Davies - - J. E. Price - - T. C. Thomas -	10	30	12	..	..	..	12	..	..	..
	BLAENGARW (BRIDGEND):													
7457	*Board School* - -	*1898*	*Rev. M. J. Mills.*	*H. Gelder* - - *T. Hargest* - -	*86*	*86*	*86*	..	..	..	*86*	..	..	..
	BRIDGEND:													
7311	*Boys' Board School, Union Street.*	*1880*	*W. Cooke* -	*A. Cryer* - - *H. Davies* - - *F. J. Kerr* - -	*50*	*80*	*80*	*12*	..	..	..	..	..	..
	BRITHDIR:													
7456	Board School -	1895	W. Lewis -	D. Jones - -	20	15	..	..	..	..	..	..	..	..
	BRITON FERRY:													
7493	Board Schools, Neath Road.	1892	W. Saph - -	J. T. Phillips - T. Teague - - E. C. Jones - -	40	30	10	10	..	..	..	..	..	..
	BUTE TOWN (RHYMNEY):													
7509	Newtown Board School, Collins Row.	1893	A. Harry -	J. Lewis - -	..	12	..	..	..	..	..	..	..	..
	CAERPHILLY:													
7483	Board School, Tonyfelin Road.	1893	D. Elias - -	T. Moses - - W. W. Williams - E. Evans - -	20	8	12	..	..	..	*	..	..	..
	CARDIFF:													
A5614	School of Science and Art, College School Buildings, Dumfries Place.	1868	J. A. Jenkins, B.A.	J. Bush, B.Sc. - F. Bush - - W. Farr - - E. M. Bickle - G. H. Grocock - R. Baker - - J. Hopkins - - C. Holland - -	500	280	150	100	100	..	..	..	..	..
A5614B	Board School, Radnor Road, Canton (Branch School of Science and Art).	1868	" -	J. Bush, B.Sc. - W. Farr - -	*	*	..	..	..	..	..	..	..	..
A5614C	Board School, Albany Road (Branch School of Science and Art).	1892	" -	J. Bush, B.Sc. - W. Farr - -	*	*	..	..	..	..	..	..	..	..
7336	University College of South Wales, Newport Street.	1890	" -	J. Bush, B.Sc. - C. Whitaker - W. M. Stansforth W. A. Carpenter - J. Gray - - R. Thomas - - R. H. Pinkerton, B.A. - - - G. Wilson - - A. C. Elliot - - W. T. Money - A. L. Selby, M.A. W. S. Hensley, B.A. - - - C. M. Thompson E. P. Perman, D.Sc. - - - A. A. Read - - P. R. Griffiths - R. Short - -	..	500	30	30	35	..	250	30	20	70
7336A	Brighton House, Newport Road.	1894	" -	F. T. Howard, M.A.	..	40	..	..	..	..	..	..	..	..

WALES.

VIb. Theoretical Mechanics, *Fluids.*	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	VIIIa. Sound.	VIIIb. Light.	VIIIc. Heat.	*A.* VIII. & IX. Alternative Physics.	IX. Magnetism and Electricity.	X. *t.* Inorganic Chemistry (Theory).	X. *p.* Inorganic Chemistry (Practl.)	XI. *t.* Organic Chemistry (Theory).	XI. *p.* Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Human Physiology.	XV. General Biology.	XVI. Zoology.	XVII. Botany.	XVIII. Principles of Mining.	XIX. Metallurgy, Theory.	XIX. *p.* Metallurgy, Pracl.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.	XXV. Hygiene.
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WALES.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Total Number of Individual Students. Science.	I. Practical Plane & Solid Geometry.	II. Machine Construction & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages. 1, 2, 3.	V. Pure Mathematics. Stages. 4 & 5.	V. Pure Mathematics. Stages. 6 & 7.	VIa. Theoretical Mechanics, Solids.
	GLAMORGAN—*cont.*													
	CARDIFF—*cont.*													
†7396	Higher Grade Board School, Howard Gardens.	1885	D. Rees - -	C. Holland - -; A. Burgess - -; I. V. Evans -; J. Waugh - -; W. T. Money, M.A. - - -; H. E. Banting -; T. Hutchinson -; R. Thomas, B.A.; E. G Hagerty -; D. Ashton - -; W. D. Rees - -	250	400	50	..	..	..	200	50	..	..
7396A	Pupil Teacher's School, Salem Chapel, Meteor Street.	1893	„ -	C. Morgan - -; C.H. Farnsworth	150	150	150	..	..	..	150	..	..	..
	CLYDACH:													
7512	Public Hall - - -	1893	Rev. D. Williams - -	T. L. Williams -; G. Gordon - -; E. T. Williams -; J. J. Davies -	25	45	..	*	..	..	15	..	..	..
	CLYDACH VALE:													
7472	Board School - -	1892	D. Rowlands -	T. Price - -	..	17	..	..	..	..	..	..	..	..
	CWMAMAN:													
7373	Board School, Fforchaman Road.	1883	T. L. Davies -	T. E. Davies -; J. Evans - -; D. Jones - -; T. Morgan - -	..	40	..	..	..	..	..	..	..	..
	CWMAVON:													
7520	Boys' School, Cwmavon, near Port Talbot.	1894	O. Williams -	J. Nicholas - -; R. Nicholas	24	50	..	..	..	..	50	..	..	..
	CWMLLYNFELL:													
7522	Board School - -	1894	T. Griffiths -	J. Isaac - -	8	20	..	5	..	..	..	..	..	..
	DOWLAIS:													
5684	Board School, High Street.	1892	E. Stephens -	B. Thomas - -	..	16	..	..	..	..	..	..	..	..
	FERNDALE:													
7320	Higher Grade Board Schools, North St.	1888	M. D. Price -	R. D. Chalke -; G. Lewis - -; R. R. Williams -; H. Davies - -	..	*	..	..	..	..	35	..	..	..
7345A	Higher Grade School, North Street.	1888	W. G. Howell	R. D. Chalke -; R. R. Williams -	12	25	..	..	..	..	25	..	..	..
7320A	*Lower Board School* -	*1891*	*M. D. Price* -	*H. Thompson* -; *R. Thompson* -	*20*	*10*	..	..	..	..	..	..	..	..
	GILFACH GOCH:													
7455	*Llandyfodwg Board School.*	*1892*	*J. Edwards* -	*J. Canniff* - -	..	*18*	..	..	..	..	..	..	..	..
7455A	*Llantrissant Board School.*	*1894*	„ -	*J. H. John* - -	..	*25*	..	..	..	..	*20*	..	..	..
	GLAIS:													
7518	Board School - -	1894	R. M. Gwilym	T. Powell - -	20	30	..	..	..	..	30	..	..	..
	GOWERTON:													
7426	*Conservative Public Hall, Sterry Road.*	*1891*	*T. Jones* -	*A. Cryer* - -; *F. I. Kerr* - -	*12*	*20*	*10*	*12*	..	..	..	..	..	..
	GWAUN-CAE-GURWEN:													
7448	Board Schools - -	1894	W. D. Evans -	E. S. Williams -	..	30	..	..	..	..	..	..	..	..
	HENGOED:													
7515	Board School - -	1894	D. Rees - -	T. C. Jones -	6	8	..	..	..	..	..	..	..	..

WALES.

VIb. Theoretical Mechanics, *Fluids*.	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	VIIIA. Sound.	VIIIB. Light.	VIIIC. Heat.	*A*.VIII. & IX. Alternative Physics.	IX. Magnetism and Electricity.	X. *t*. Inorganic Chemistry (Theory).	X. *p*. Inorganic Chemistry (Practl.).	XI. *t*. Organic Chemistry (Theory).	XI. *p*. Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Human Physiology.	XV. General Biology.	XVI. Zoology.	XVII. Botany.	XVIII. Principles of Mining.	XIX. Metallurgy, Theory.	XIX. *p*. Metallurgy, Pract.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.	XXV. Hygiene.
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WALES.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Science.	I. Practical Plane & Solid Geometry.	II. Machine Construcn & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	4 & 5.	6 & 7.	VI. Theoretical Mechanics, *Solids.*
	GLAMORGAN—*cont.*													
	LLANBRADACK:													
7556	National School, Kingfield Crescent.	1895	J. Powell -	T. Glass - - D. J. Thomas - G. Roblings -	..	62	..	15	..	..	..	12	..	..
	LLANSAMLET:													
5601	*Board School, Peniel Green.*	*1886*	*A.H.H.Thomas*	*J. R. Davies* - -	..	*18*	..	..	..	..	*18*	..	..	..
	LLWYNPIA:													
7472A	Workmen's Institute -	1892	D. Rowlands -	A. Cryer - - D. P. Jones -	..	34	..	14	20	..	..	..	..	..
	MAESTEG:													
7449A	Old Salem School, Tywith.	1892	H. Yarsley -	J. Dodd - -	..	20	..	..	..	..	..	..	..	..
	MERTHYR TYDFIL:													
5641	Board School, Abermorlais.	1891	E. Stephens -	E. S. Williams -	..	20	..	..	..	..	..	..	..	..
5641A	Morlais Hall, Glebeland Street.	1894	" -	T. H. Kemp - J. E. Jenkins - D. George - -	130	130	..	..	..	..	100	..	..	..
5641B	*Georgetown Girls' School, Aberdare Road.*	*1894*	" -	*I. Daniel* - -	..	*40*	..	*40*	..	..	..	..	..	..
5643	Penydarren Board School, Church Street.	1873	" -	G. F. Harris - T. H. Kemp - W. I. Knox - W. Walters - -	40	101	10	30	..	..	..	..	..	..
7374	Merthyr Advanced Elementary School, Picton Street, Caedraw.	1884	" -	L. Rogers - - M. M. Price - G. Fleming - -	30	140	..	..	..	..	40	..	..	10
	MERTHYR VALE:													
7513	Board School, Cardiff Road.	1893	" -	H. Davies - -	..	25	..	..	..	..	..	..	..	..
	MOUNTAIN ASH:													
5648	Duffryn Boys' School, Commercial Street.	1880	Rev. B. Lloyd	E. D. Hoskins - F. N. Gray - - F. N. White - F. Pringle - - J. A. Pringle - W. Morgan - - J. Powell - - W. H. Reynolds -	..	100	*	*	..	..	*	..	..	..
7354	Miskin Board School -	1890	S. Shipton -	W. Armitage - J. L. Mather -	..	20	..	..	..	..	..	..	..	..
	MUMBLES:													
7560	Council Room, Parc Street.	1895	F. W. Dagg -	A. L. Jones - - J. Spears - -	..	20	..	..	..	..	..	..	..	..
	NEATH:													
5675	Mechanics' Institute, Church Place.	1876	J. G. Davies -	F. J. Kerr - - T. C. Jones - - T. Teague - - E. C. Jones, B.Sc. D. M. Jenkins - D. W. Prosser -	40	60	25	20	20	..	10	..	..	..
7404	Alderman Davies' School, St. David's Street.	1886	Rev. D. Davies, M.A.	D. J. Davies - J. L. Davies -	..	60	..	..	..	..	30	..	..	..
7405	Gwyn Hall, Orchard Street.	1892	W. B. Davies	J. T. Phillips - R. P. Charles -	50	30	10	..	..	..	..	..	..	..
	OGMORE VALE:													
7438	Board School - -	1891	R. G. Pugh -	E. Edwards - D. C. Williams -	20	20	..	..	..	..	12	..	..	..

WALES.

Theoretical Mechanics, *Fluids*. VIb.	Applied Mechanics. VII.	Sound, Light, and Heat. VIII.	Sound. VIIIa.	Light. VIIIb.	Heat. VIIIc.	Alternative Physics. A.VIII. & IX.	Magnetism and Electricity. IX.	Inorganic Chemistry (Theory). X. *t*.	Inorganic Chemistry (Practl.) X. *p*.	Organic Chemistry (Theory). XI. *t*.	Organic Chemistry (Practical). XI. *p*.	Geology. XII.	Mineralogy. XIII.	Human Physiology. XIV.	General Biology. XV.	Zoology. XVI.	Botany. XVII.	Principles of Mining. XVIII.	Metallurgy, Theory. XIX.	Metallurgy, Pract. XIX. *p*.	Navigation. XX.	Nautical Astronomy. XXI.	Steam. XXII.	Physiography. XXIII.	Principles of Agriculture. XXIV.	Hygiene. XXV.
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WALES.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Science.	I. Practical Plane & Solid Geometry.	II. Machine Construcn & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages. 1, 2, 3.	4 & 5.	6 & 7.	VIA. Theoretical Mechanics, Solids.
	GLAMORGAN—*cont.*													
	PENARTH:													
7400	National School, High School.	1885	G. A. Birkenhead, C.E.	F. E. Taylor - -	30	10	4	..	8	..	..	..	..	..
	PENRHIWCEIBER:													
7406	*Schoolroom, Church Street.*	*1886*	*E. Williams* -	*H. J. Fletcher* -	..	*20*	*15*	*20*	..	..	*10*	..	..	..
	PENTREDWR:													
7470	Old British School -	1892	D. W. Rosser -	W. J. Thomas -	..	12	..	..	..	..	..	..	..	..
	PENYGRAIG:													
5611	Board School - -	1887	D. Rowlands -	T. D. John - -	..	14	..	..	..	..	14	..	..	..
7479D	*Dinas (Tai) Board School.*	*1894*	„ -	T. D. John - -	..	*12*	..	..	..	..	..	..	..	..
	PONTARDAWE:													
5697	Kilybebyll Infant School, Dyffryn Road.	1878	R. Short -	E. Morgan - - G. Jenkins - -	..	20	..	..	..	..	8	..	..	..
5697B	Board School - -	1888	„ -	J. J. Roberts -	..	10	..	..	..	..	..	..	..	..
	PONTARDULAIS:													
5654	*Board School* - -	*1878*	*E. Isaac* -	*J. Roberts* - - *A. Cryer* - -	*10*	*20*	..	*20*	*20*	..	*10*	..	..	..
	PONTLOTTYN:													
5658	*Boys' Board School, School Street.*	*1886*	*W. W. Morgan*	*D. Hopkins* - *B. Thomas* - - *T. C. Jones* - - *W. Davies* - -	*10*	*60*	*7*	..	..	..	*15*	..	..	..
	PONTYCYMMER:													
7385	*Board School* - -	*1889*	*J. Rattray* -	*M. C. King* - - *W. Pennant* - *H. Gelder* - -	*30*	*40*	*20*	..	..	..	*40*	..	..	..
	PONTYPRIDD:													
5057	Free Library, Gelliwastad.	1886	D. Roberts-Rosser.	A. Cryer - - H. Davies - - R. Morgan, M.A. A. L. Thomas - J. D. Jones - - E. Samuel - -	..	20	20	20	..	..	20	..	..	..
5657B	Old Local Board Offices, Pennel Road.	—	„ -	A. L. Thomas -	..	20	..	20	20	..	..	..	..	..
5657C	Gray Board School -	—	„ -	F. J. Kerr - -	20	..	..	..	..	..	..	..	..	..
7562	Pupil Teachers' School, Parish Room, St. Catherine's Street.	1893	D. M. Jones -	A. Morgan - - J. Farr - -	100	100	8	..	..	..	24	..	..	..
	PORTH:													
5683	Boys' Board School -	1887	Rev. O. Owens	A. Williams - D. P. Jones - - H. Davies - - D. Jones - - W. D. Thomas -	..	103	..	10	8	..	12	..	..	..
7345	Ystradyfodwg Pupil Teachers' Central School, Pontypridd Road.	1890	W. G. Howell	E. Samuel, B.A. - A. Park, LL.A. - A. J. Schofield - G. Childs - -	190	200	..	..	..	..	100	..	..	..
	PORTHCAWL:													
7494	*National School, John Street.*	*1892*	*W. H. Clatworthy.*	*W. J. Griffen* - *J. T. Phillips* -	*30*	*25*	*15*	..	..	..	*15*	..	..	..
	SEVEN SISTERS:													
7506	*Board School* - -	*1893*	*J. Rees* - -	*J. W. Thomas* -	..	*15*	..	..	..	..	*15*	..	..	..

WALES.

Theoretical Mechanics, *Fluids*. VIB.	Applied Mechanics. VII.	Sound, Light, and Heat. VIII.	Sound. VIIIA.	Light. VIIIB.	Heat. VIIIC.	Alternative Physics. A.VIII. & IX.	Magnetism and Electricity. IX.	Inorganic Chemistry (Theory). X. *t*.	Inorganic Chemistry (Practl.) X. *p*.	Organic Chemistry (Theory). XI. *t*.	Organic Chemistry (Practical). XI. *p*.	Geology. XII.	Mineralogy. XIII.	Human Physiology. XIV.	General Biology. XV.	Zoology. XVI.	Botany. XVII.	Principles of Mining. XVIII.	Metallurgy, Theory. XIX.	Metallurgy, Practl. XIX. *p*.	Navigation. XX.	Nautical Astronomy. XXI.	Steam. XXII.	Physiography. XXIII.	Principles of Agriculture. XXIV.	Hygiene. XXV.
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WALES.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Science.	I. Practical Plane & Solid Geometry.	II. Machine Construc^n & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1,2,3.	4 & 5.	6 & 7.	VI A. Theoretical Mechanics, *Solids.*
	GLAMORGAN—*cont.*													
	SKEWEN:													
7478	*Coedfrane Board School, Tabernacle Hall, Tabernacle Street.*	*1892*	*The Secretaries*	*E. C. Jones, B.Sc.; J. T. Phillips; D. W. Prosser; T. Teague*	*20*	*30*	*20*	*15*	*10*	..	*10*	..	..	..
	SWANSEA:													
5665	*Royal Institute of South Wales, Victoria Road, Burrows Road.*	*1868*	*H. Huxham*	*W. Terrill; C. Johns*	..	*60*	*20*	*25*	..	..	..	..	..	..
A5667	Free Library Buildings and School of Science and Art, Alexandra Road.	1853	J. W. Rogers	F. F. Hosford; S. Hemmings; T. W. Walters; G. Haughton; J. J. Davies; W. Williams; J. Williams; G. Richards; W. J. Nash; A. Jones	347	133	30	35 *	50	..	*	..	..	..
†7347	Central Higher Grade Board School, Trinity Place.	1890	A. W. Halden	H. R. Wakefield	..	80	..	..	..	..	..	..	..	..
7347A	Cwmburla Board School, Cwmburla.	1893	„	D. Davies	30	5	..	..	..	..	..	..	..	..
7366	National Higher Grade School, Oxford Street.	1883	I. R. Jones	G. H. Crews; W. C. Jenkins; J. J. Chappell; S. W. Brown	..	60	..	..	..	..	25	..	..	..
†7370	*Central Higher Grade Board Sch., Dynevor Place.*	*1883*	*A. W. Halden*	*S. Roberts, B.A.; J. Burns; W. Shepherd; R. H. Williams*	*105*	*185*	*96*	..	..	..	*104*	..	..	*17*
7496	The Technical Institute, Nelson Terrace.	1892	D. Salmon	F. Cole; C. A. Seyler, B.Sc.; R. Davies, M.D.; C. Crocker; H. Marsden	..	60	..	..	..	..	18	..	..	10
	TAIBACH (PORT TALBOT):													
7503	*Drill Hall*	—	*T. L. David*	*R. Nicholas*	..	*12*	..	..	..	..	..	..	..	..
	TON PENTRE:													
7381C	*Board School*	1894	*W. G. Howell*	*S. A. Everett; J. Samuel; D. P. Jones*	..	*30*	..	..	*10*	..	..	..	..	..
	TONYREFAIL:													
7352	Board School	—	Rev. E. Stephens.	T. A. Arthur	20	20	10	..	..	..	10	..	..	..
	TREALAW:													
7472B	Board School	1892	D. Rowlands	H. Harris; W. D. Evans	26	14	14	..	..	..	..	..	..	..
	TREHARRIS:													
7380	Board School, Perrott Street.	1889	W. M. Evans	D. N. Davies; A. Cryer; T. E. Davies	20	40	10	15	..	..	10	..	..	..
	TREHERBERT:													
5761	British School, Dumfries Street.	1878	W. Morgan	M. O. Jones	..	10	..	..	..	..	10	..	..	..
	TREORCHY:													
7381	*Board School*	*1893*	*W. G. Howell*	*J. Samuel*	..	*	..	..	..	..	..	..	..	..
	YSTALYFERA:													
7349	Wern Boys' School	1882	Rev. T. Griffiths, B.A.	J. Williams; D. J. Williams; E. S. Williams; T. Thomas	30	40	..	..	..	..	20	..	..	..
7343	Cwmturch Board School, Bethel Vestry.	1890	T. Rees	T. R. Thomas	..	24	..	..	..	..	12	..	..	..

WALES.

Theoretical Mechanics, *Fluids*. VIb.	Applied Mechanics. VII.	Sound, Light, and Heat. VIII.	Sound. VIIIa.	Light. VIIIb.	Heat. VIIIc.	Alternative Physics. *A.* VIII. & IX.	Magnetism and Electricity. IX.	Inorganic Chemistry (Theory). X.	Inorganic Chemistry (Practl.). X. *p.*	Organic Chemistry (Theory). XI. *t.*	Organic Chemistry (Practical). XI. *p.*	Geology. XII.	Mineralogy. XIII.	Human Physiology. XIV.	General Biology. XV.	Zoology. XVI.	Botany. XVII.	Principles of Mining. XVIII.	Metallurgy, Theory. XIX.	Metallurgy, Pracl. XIX. *p.*	Navigation. XX.	Nautical Astronomy. XXI.	Steam. XXII.	Physiography. XXIII.	Principles of Agriculture. XXIV.	Hygiene. XXV.
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WALES.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Science.	I. Practical Plane & Solid Geometry.	II. Machine Construction & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure mathematics. Stages 1, 2, 3.	4 & 5.	6 & 7.	VIA. Theoretical Mechanics, Solids.
	GLAMORGAN—*cont.*													
7381	YSTRAD-RHONDDA: *Higher Grade School, Pentre.*	*1884*	*W. G. Howell*	*L. Jones* *G. R. Burgess* *M. J. John*	..	*32*	..	..	..	..	*30*	..	..	..
	MERIONETH.													
7541	BARMOUTH: County Intermediate School.	1895	J. Lloyd	E. D. Jones E. J. Owens	..	50	..	..	..	..	15	..	..	..
7326	BLAENAU FESTINIOG: Boys' Higher Grade School.	1882	R. O. Jones	J. Bowen E. R. H. Turner T. Botting	50	80	24	..	..	..	40	..	..	..
7558	County School, Rhiw	1895	"	T. C. Cantrill F. P. Dodd	..	*	..	..	..	..	*	..	..	*
5691	DOLGELLY: Intermediate County School, Penbryn Street.	1887	R. J. Griffith	J. H. Marshall	..	20	..	..	..	..	..	..	..	..
7473	HARLECH: Endowed School	1892	R. Humphreys	D. A. Jones R. Lloyd	..	20	..	..	..	..	12	..	..	..
7348	LLANUWCHLLYN (NEAR BALA): Boys' School	1890	L. J. Davies	T. Bowen	..	10	..	..	..	..	..	..	..	..
7490	PENRHYN DEUDRAETH: Board School, School Street.	1892	R. Hughes	W. Porritt	6	..	..	..	..	..	..	..	..	..
7517	TOWYN: County Intermediate School.	1891	Rev. H. Williams.	D. H. Davies T. Jones	..	60	..	..	..	..	60	..	..	..
	MONTGOMERY.													
5700	MACHYNLLETH: Board School, Maengwyn Street.	1888	E. L. Evans	J. R. Griffith	..	10	..	..	..	..	..	..	..	..
7342	NEWTOWN: *Board School, New Road.*	*1890*	*C. E. Clark*	*J. E. L. Griffiths* *D. J. Saer*	*30*	*30*	*10*	..	..	..	*8*	..	..	..
5670	WELSHPOOL: Powysland Museum and Free Library, Salop Road.	—	T. S. Jones,	C. Cortissos	40	..	..	..	..	..	..	..	..	..
	PEMBROKE.													
7543	FISHGUARD: Intermediate School, West Street.	1895	G. Morris	J. L. Brown, B.A.	45	45	40	..	..	..	40	..	..	..

WALES.

VIb. Theoretical Mechanics, *Fluids*.	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	VIIIa. Sound.	VIIIb. Light.	VIIIc. Heat.	*A* VIII. & IX. Alternative Physics.	IX. Magnetism and Electricity.	X. *t.* Inorganic Chemistry (Theory).	X. *p.* Inorganic Chemistry (Practl.).	XI. *t.* Organic Chemistry (Theory).	XI. *p.* Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Human Physiology.	XV. General Biology.	XVI. Zoology.	XVII. Botany.	XVIII. Principles of Mining.	XIX. Metallurgy, Theory.	XIX. *p.* Metallurgy, Pract.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.	XXV. Hygiene.
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WALES.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Science.	I. Practical Plane & Solid Geometry.	II. Machine Construcⁿ & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	4 & 5.	6 & 7.	VIa. Theoretical Mechanics, Solids.
	PEMBROKE—*cont.*													
	HAVERFORDWEST:													
7356	The Laboratory, Grammar School, Dew Street.	1881	A. H. Thomas	C. F. Hare, B.A.	..	7	..	..	..	..	..	..	..	..
7356A	Assembly Rooms, Church Street.	1894	"	C. D. Morris; V. M. Turnbull, B.A.	50	7	7	..	..	..	..	..	..	•
	NARBERTH:													
7542	County Intermediate School, St. James' Street.	1895	B. Evans	D. J. Williams	..	16	..	..	..	..	•	..	..	..
	PEMBROKE:													
5651A	*East End Higher Grade School.*	*1891*	*W. C. Harris*	*J. G. Taylor*	*10*	*40*	*40*	..	..	..	*10*	..	..	..
	PEMBROKE DOCK:													
5651	*Board School, Albion Square.*	*1878*	"	*C. Clemmow*	*20*	*60*	..	..	..	..	*40*	..	..	..
5658	*National School, Victoria Road.*	*1878*	*Rev. A. Nicolls, B.A.*	*H. Hinchliffe; F. Stock, B.A.*	..	*89*	..	..	..	..	*32*	..	..	..
	TENBY:													
7545	Intermediate School	1895	J. W. Gardiner	E. J. Head	•	..	..	..	..	..	..	..	..	..
	RADNOR.													
	GLASBURY:													
7514	Hampton Grammar School.	1894	R. Jones	J. Gunter	..	14	..	..	..	..	..	..	..	..
	LLANELWEDD (NEAR BUILTH).													
7468	*Endowed School*	*1892*	*W. Price*	*D. Jones*	..	*10*	..	..	..	..	..	..	..	..
	Total for England and Wales				113082	134801	25564	16820	10688	654	29371	800	248	4056

WALES.

Theoretical Mechanics, *Fluids*. VIB.	Applied Mechanics. VII.	Sound, Light, and Heat. VIII.	Sound. VIIIA.	Light. VIIIB.	Heat. VIIIC.	Alternative Physics. A VIII. & IX.	Magnetism and Electricity. IX.	Inorganic Chemistry (Theory). X. t.	Inorganic Chemistry (Practl.) X. p.	Organic Chemistry (Theory). XI. t.	Organic Chemistry (Practical). XI. p.	Geology. XII.	Mineralogy. XIII.	Human Physiology. XIV.	General Biology. XV.	Zoology. XVI.	Botany. XVII.	Principles of Mining. XVIII.	Metallurgy, Theory. XIX.	Metallurgy, Pract. XIX. p.	Navigation. XX.	Nautical Astronomy. XXI.	Steam. XXII.	Physiography. XXIII.	Principles of Agriculture. XXIV.	Hygiene. XXV.
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2121	6567	4899	586	464	781	2256	8825	23878	13745	1382	1182	2073	139	9544	455	176	4444	3832	868	601	505	150	5673	15379	2672	9355

SCOTLAND.

SCOTLAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Science.	I. Practical Plane & Solid Geometry.	II. Machine Construcn & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	4 & 5.	6 & 7.	VIa. Theoretical Mechanics, *Solids.*
	ABERDEEN.													
	ABERDEEN:													
5702	*Free Church Practising School, South Charlotte Street.*	*1887*	*G. C. Fraser*	*A. Bremner, G. Davidson, I. Hutcheon*	*30*	*35*	..	..	..	..	..	..	..	..
5703	*Public School, King Street.*	*1890*	*T. Hector*	*D. B. Lothian*	..	*24*	..	..	..	..	..	..	..	..
5703B	*School of Design, Union Row.*	*1892*	„	*J. P. McCann, E. Copland, R. R. Gall, A. R. Robertson*	*250*	*30*	*15*	*15*	..	..	..	..	..	..
5703C	*Central Higher Grade Public School, Little Belmont Street.*	*1893*	„	*J. Peters, J. R. Jack, J. Mitchell, J. C. O. Barnett, J. Gordon, J. C. McLeod, D. Christie, J. B. Philip, J. E. Anderson*	..	*284*	..	*25*	*35*	..	*45*	..	..	..
5703D	*Woodside Public School, Clifton Rd.*	–	„	*W. B. Duguid, J. W. Murray*	..	*36*	..	..	..	..	..	..	..	..
5704	Church of Scotland Normal Practising School, George Street.	1888	G. Cruden	J. Kerr, B. S. Littlejohn, M. Westland, M. F. Falconer, M. J. Milne, W. R. Bain	41	126	106	..	..	..	56	..	..	..
†5705	Robert Gordon's College, School Hill.	1875	T. Fotheringham.	J. W. Thomson, R. G. Sharpe, A. Henderson, G. Taylor, R. Garden, J. Blake, D. J. McIntosh, B. S. McLellan, M.A., J. A. Wilson, M.A., B.Sc., J. B. Tingle, Ph.D., H. Fox, A. T. G. Beveridge, M.A., M.B., J. Wishart, J. Buchanan, B.Sc.	..	600	60	100	175	10	70	..	..	..
A5705A	Gray's School of Art, School Hill.	–	„	J. P. Fraser, R. Ogg, E. D. Mitchell, G. Burgess, B. S. Shand, A. Samuel, H. F. David	600	*	*	..	..	..	..	..	..	..
5706	*Rosemount Public School, Esslemont Avenue.*	*1890*	*T. Hector*	*J. R. Jack*	..	*40*	..	..	..	..	..	..	..	..
5706A	*Ashley Road Public School.*	*1890*	„	*W. Ross*	..	*30*	..	..	..	..	..	..	..	..

SCOTLAND.

Theoretical Mechanics, *Fluids.* VIb.	Applied Mechanics. VII.	Sound, Light, and Heat. VIII.	Sound. VIIIa.	Light. VIIIb.	Heat. VIIIc.	Alternative Physics. A.VIII. & IX.	Magnetism and Electricity. IX.	Inorganic Chemistry (Theory). X. *t.*	Inorganic Chemistry (Practl.). X. *p.*	Organic Chemistry (Theory). XI. *t.*	Organic Chemistry (Practical). XI. *p.*	Geology. XII.	Mineralogy. XIII.	Human Physiology. XIV.	General Biology. XV.	Zoology. XVI.	Botany. XVII.	Principles of Mining. XVIII.	Metallurgy, Theory. XIX.	Metallurgy, Pracl. XIX. *p.*	Navigation. XX.	Nautical Astronomy. XXI.	Steam. XXII.	Physiography. XXIII.	Principles of Agriculture. XXIV.	Hygiene. XXV.
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SCOTLAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Science.	I. Practical Plane & Solid Geometry.	II. Machine Construcn & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	4 & 5.	6 & 7.	VIA. Theoretical Mechanics. *Solids.*
	ABERDEEN—*cont.*													
	ABERDEEN—*cont.*													
8711	*High School for Girls, 19, Albyn Place.*	*1879*	*T. Hector*	*W. Fyfe*, *W. L. Marr*, *J. Gordon*, *W. Gordon*	*80*	*20*	*10*	..	..	..	*25*	..	..	..
15713	*Grammar School, Skene Street West.*	*1873*	"	*S. Pope*, *C. McLeod*, *J. B. Philip*, *H. F. Menzies*, *J. Davidson, M.A.*	*120*	*250*	*26*	..	..	..	*80*	..	..	*20*
7869	St. Andrew's Episcopal School, King Street.	1891	A. K. Forbes	T. Cooke	..	12	..	..	..	..	6	..	..	..
7958	Navigation School, Sailors' Institute, James Street.	1893	J. F. Kellas	J. R. Jones	..	180	..	..	..	..	180	..	..	..
	ARDALLIE:													
7784	Public School	1889	Rev. J. Coutts	J. Campbell	..	15	..	..	..	..	6	..	..	..
	AUCHMILL:													
7678	*Buxburn Public School.*	*1890*	*J. Michie*	*P. Law, M.A.*	*34*	*25*	..	..	..	..	*20*	..	..	..
7678a	*No. 103, Auchmill*	*1890*	"	*P. Law, M.A.*	..	*14*	..	..	..	..	..	..	..	..
	CRATHIE:													
7943	Public School	1892	W. Michie	J. Philip, M.A.	..	30	25	..	..	..	..	..	..	..
	CULTERCULLEN:													
5844	*Public School*	*1890*	*T. H. Gibson*	*J. Rose*	..	*20*	..	..	..	..	*20*	..	..	..
	FRASERBURGH:													
5808A	*Dalrymple Café, Dalrymple Street.*	—	*J. Leslie*	*J. M. D. Smith*	*25*	*18*	*18*	..	..	..	..	..	..	..
5991	Public School, Charlotte Street.	1888	P. R. Paterson	M. B. Cordiner, J. A. Sutor, M.A.	60	50	40	..	..	..	..	..	..	..
	FYVIE:													
5810	Public School	1877	W. Mackie	A. Bremner, M.A.	..	12	..	..	..	..	..	..	..	..
	HUNTLY:													
7844	Gordon Schools	1891	W. Leslie	W. J. Sim	25	25	25	..	..	..	..	..	..	..
	KINTORE:													
5887	*Public School*	*1888*	*A. G. Keith*	*V. Mitchell*	*20*	*20*	*20*	..	..	..	..	..	..	..
	METHLICK:													
7728	Institute	1884	Rev. A. Ritchie	A. Keith, M.A.	..	30	..	..	..	..	12	..	..	..
	NEWBURGH:													
7804	*Foveran Public School*	*1885*	*Rev. W. B. Inglis.*	*W. Williams, M.A.*	..	*12*	..	..	..	..	..	..	..	..
	NEW DEER:													
7751	Central School	1893	J. Joiner, J.P.	J. Sutherland, M.A.	..	20	..	..	..	..	10	..	..	..
	PETERHEAD:													
A 7676A	School of Science and Art, North Public School, King Street.	1890	R. Maitland	J. Milne	80	20	..	..	..	..	..	..	..	..
7676B	The Central Public School of Science St. Peter Street.	1893	"	D. L. Anderson	..	12	..	..	..	..	..	..	..	..
7916	Free Church School St. Peter Street.	1892	A. McEachram	D. Cameron, M.A.	..	20	..	..	..	..	..	..	..	..
	ST. FERGUS:													
7819	Central Public School	1889	Rev. J Strachan, M.A.	J. Cormack, M.A.	..	10	10	..	..	..	10	..	..	..

SCOTLAND.

VIb. Theoretical Mechanics, *Fluids*.	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	VIIIa. Sound.	VIIIb. Light.	VIIIc. Heat.	A.VIII. & IX. Alternative Physics.	IX. Magnetism and Electricity.	X. t. Inorganic Chemistry (Theory).	X. p. Inorganic Chemistry (Practl.).	XI. t. Organic Chemistry (Theory).	XI. p. Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Human Physiology.	XV. General Biology.	XVI. Zoology.	XVII. Botany.	XVIII. Principles of Mining.	XIX. Metallurgy, Theory.	XIX. p. Metallurgy, Pracl.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.	XXV. Hygiene.
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SCOTLAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Science.	I. Practical Plane & Solid Geometry.	II. Machine Construc[n] & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1,2,3.	4&5.	6&7.	VIA. Theoretical Mechanics. *Solids.*
	ABERDEEN—*cont.*													
7611	TURRIFF: *Public School Victoria Terrace.*	*1880*	*W. F. Stewart*	*J. Thompson, M.A.*	..	*20*	..	..	..	..	..	..	..	..
	ARGYLL.													
8014	BOWMORE: Public School, Sch. St.	1895	M. Mactaggart	W. G. Cameron	..	18	..	..	..	..	..	..	..	..
5743	CAMPBELTOWN: Grammar Public School, John Street.	1873	D. M. Maxtone	J. Bennie; R. T. Cunningham, M.A.; P. H. Stewart, B.A.; D. R. C. Forbes; M. Campbell	60	95	..	..	..	..	60	..	..	10
7809	DUNOON: Grammar School, Castle Street.	1889	D. Anderson	W. Dock, M.A.; G. P. Macdonald, M.A.; T. Young	..	100	..	..	12	..	30	..	..	..
7897	EASDALE: Public School	1892	A. Cowan	D. M. Carmichael, B.A.	..	8	..	..	..	..	5	..	..	..
7909	OBAN: High Public School, Soroba Road.	1892	W. Jolly	J. Paterson, M.A.; J. Beattie, M.A.; C. H. Owen, M.A.	60	20	..	..	..	..	20	..	..	..
7704	TARBERT (LOCHFYNE): Public School	1883	A. McDougall	R. Aird, M.A.	20	50	..	..	..	..	*	..	..	..
	AYR.													
7906	ANNBANK: Public School	1892	P. Watson	A. Forbes	..	25	..	..	..	..	..	..	..	..
5726	ARDROSSAN: No. 2 Public School, Eglinton Street.	1877	J. Cook	W. Comrie; J. Scotland	26	..	..	..	..	..	..	..	..	..
5726A	Academy, South Crescent.	1889	"	J. Watson; A. D. Murphy, M.A.	..	30	..	20	..	..	10	..	..	..
▲5727	AYR: School of Science and Art, Academy, Fort Street.	1874	T. Gemmell	L. Anderson; A. J. Thompson; H. Robertson, M.A.; J. Thomson; R. Macmillan; J. Watson, M.A.; J. Bissett; R. Lees, M.A., B.Sc.	250	150	..	15	20	..	65	..	..	15
8005	BALLANTRAE: *Public School, Shellknowe.*	*1894*	*J. Mason*	*R. McWhirter*	..	*15*	..	..	..	..	..	..	..	..
5733	BEITH: *Academy, Public School, Church Hill.*	*1868*	*J. G. Sutherland, M.A.*	*R. Thomson; J. Foster, M.A.; F.H. Robbie, M.A.*	*24*	*20*	..	..	..	..	*8*	..	..	..
7980	Spier's School	1893	W. Williamson	J. D. McKerrow; D. Baird, M.A.	60	60	..	..	..	..	..	..	..	..
5736	Greenhills Public Sch.	1886	R. Geddes	T. Stevenson	..	10	..	..	..	..	6	..	..	..
5982	CATRINE: *Public School, Wood St.*	—	*R. B. Connor*	*J. Craig*	..	*20*	..	..	..	..	..	..	..	..
7907	COYLTON: *Public School*	*1892*	*J. Allan*	*J. Cuthbertson; G. Knox; A. Forbes*	..	*20*	..	..	..	..	..	..	..	..

SCOTLAND.

VIB. Theoretical Mechanics, *Fluids*.	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	VIIIA. Sound.	VIIIB. Light.	VIIIC. Heat.	A. VIII. & IX. Alternative Physics.	IX. Magnetism and Electricity.	X. t. Inorganic Chemistry (Theory).	X. p. Inorganic Chemistry (Practl.).	XI. t. Organic Chemistry (Theory).	XI. p. Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Human Physiology.	XV. General Biology.	XVI. Zoology.	XVII. Botany.	XVIII. Principles of Mining.	XIX. Metallurgy, Theory.	XIX. p. Metallurgy, Pract.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.	XXV. Hygiene.
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SCOTLAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Science.	I. Practical Plane & Solid Geometry.	II. Machine Construcⁿ & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1,2, 3.	4 & 5.	6 & 7.	VI A. Theoretical Mechanics, Solids.
	AYR—*cont.*													
	CROSSHOUSE:													
5471	*Public School* - -	*1887*	*J. McLeod* -	*A. McKendrick* - *J. Cuthbertson* - *G. Knox* - - *A. Forbes* - -	..	*35*	..	..	..	..	*45*	..	..	..
	CUMNOCK (OLD):													
5995	Public School, Barrhill Road.	1889	A. Brackenridge.	A. Cowan - - J. Watson - -	30	40	20	20	..	..	10	..	..	..
	DAILLY:													
8019	Public School - -	1895	W. G. Wilson	A. Forbes - -	..	20	..	..	..	..	..	..	..	..
	DARVEL:													
5748	*Brown's Institute, Ronaldcamp Road.*	*1874*	*Rev. J. Mackintosh.*	*A. Goldie* - -	..	*20*	..	..	..	..	..	..	..	..
5910A	Loudoun Public School, Donington Street.	1890	A. Cameron -	P. Craig, M.A. - J. I. Morton -	20	25	12	..	..	..	14	..	..	..
	DREGHORN:													
7905	Public School - -	1892	Rev. W. Y. Lindsay, M.A.	A. Forbes - -	..	35	..	..	..	..	..	..	..	..
	DUNASKIN:													
7911	Waterside Public School	1892	A. S. Glass -	A. Forbes - -	..	30	..	..	..	..	..	..	..	..
	FERGUSHILL:													
7984	Public School - -	1894	W. Rodger -	G. Knox - -	..	25	..	..	..	..	..	..	..	..
	GALSTON:													
5814	Brown's Institute, Polwarth Street.	1875	J. Y. McDonald.	J. McCallum - W. Horsfield -	10	40	10	..	15	..	..	..	..	..
5814A	No. 1 Public School, Glebe Dykes Road.	1894	"	A. Young, M.A. - A. Struthers, M.A. - - -	..	16	..	..	..	..	12	..	..	..
5814B	Barr School - - -	1894	"	G. Knox - -	..	25	..	..	..	..	..	..	..	..
	GIRVAN:													
5817	Burgh Public School, Henrietta Street.	—	T. G. Tait -	M. J. Finlayson - A. G. Anderson -	10	35	..	..	..	..	6	..	..	..
8027	Parish School, Henrietta Street.	1895	A. Dunlop -	J. Bisset - -	..	20	..	..	..	..	..	..	..	..
	GLENGARNOCK:													
5861	Public School - -	1884	E. Allan - -	R. Gray - - J. Watson - -	..	34	..	17	..	..	..	..	..	..
5861A	*Iron and Steel Works*	*1891*	" - -	*T. F. Hamilton* -	..	*12*	..	*12*	..	..	..	..	..	..
	IRVINE:													
5865	Royal Academy, Academy Grounds.	—	W. C. Wilson -	T. R. Stuart, M.A. J. W. Bryson, M.A. - -	..	50	..	..	..	..	50	..	..	10
	KILBIRNIE:													
5871	Ladyland Public School, School Road.	1881	E. Allen - -	J. McPhee Morgan - - -	..	20	..	..	..	..	..	..	..	..
	KILMARNOCK:													
▲5877	School of Science and Art, Woodstock St.	1867	J. P. Stevenson	C. B. Millar - W. Bone - - D. Ramsay - - T. Robertson - J. Howie - -	200	150	40	70	30	..	..	..	..	..
5877A	Bentinck Branch, Bentinck Street.	1894	" -	C. B. Millar - T. Robertson - J. Howie - - J. Horsfield -	40	40	20	30	30	..	..	..	..	..
†5878	Academy North Hamilton Street.	1876	" -	—	•	•	..	..	..	..	..	..	..	..

SCOTLAND.

VIb. Theoretical Mechanics, *Fluids*.	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	VIIIa. Sound.	VIIIb. Light.	VIIIc. Heat.	A.VIII. & IX. Alternative Physics.	IX. Magnetism and Electricity.	X. *t*. Inorganic Chemistry (Theory).	X. *p*. Inorganic Chemistry (Practl.).	XI. *t*. Organic Chemistry (Theory).	XI. *p*. Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Human Physiology.	XV. General Biology.	XVI. Zoology.	XVII. Botany.	XVIII. Principles of Mining.	XIX. Metallurgy, Theory.	XIX, *p*. Metallurgy, Pract.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.	XXV. Hygiene.
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SCOTLAND.

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	AYR—*cont.*													
	KILWINNING:													
5881	*Eglinton District Public School.*	*1875*	*R. C. King*	*W. Boyd*	..	4	4	..	..	..	..	..	..	..
7671	*Public School, Union Place, Dalry Road.*	*1889*	"	*M. C. Auld* *C. Auld, M.A.* *W. Blair* *R. Brotherton*	..	*24*	..	..	..	..	*12*	..	..	..
	LUGAR:													
7989	Public School	1894	P. Russell	G. Knox	..	40	..	..	..	..	..	..	..	..
	MAUCHLINE:													
7859	Public School	1891	W. McMillan	J. Marshall	8	10	5	..	..	..	..	..	..	..
	MAYBOLE:													
5972	Ladyland Public School	1878	J. Gilmour	J. Bisset J. Watson	..	30	..	15	..	..	..	..	..	..
	MUIRKIRK:													
7604	Public School, Furnace Road.	1879	R. A. Leslie	R. Cunningham G. Knox	..	50	..	..	..	..	30	..	..	..
7686	Public School, Main Street.	1881	"	A. Donald	..	*	..	..	..	..	8	..	..	..
	NEW CUMNOCK:													
7954	Public School, Bank	1893	S. Taylor	G. Knox	..	30	..	..	..	..	..	..	..	..
	NEWMILNS:													
5910	Public School, Union Street.	1886	A. Cameron	W. D. White A. Hood W. Horsfield M. Young	30	45	..	..	15	..	15	..	..	..
	OCHILTREE:													
7746	Sinclairston Public School.	1891	A. MacRae, M.B.	A. Green	..	20	..	..	..	..	..	..	..	..
	SALTCOATS:													
5928	Kyleshill Public School	1886	J. Dickie	J. Watt	..	18	..	..	..	..	8	..	..	..
8021	Public School, Caledonia Road.	1895	J. Cook	J. McMath P. Cunningham	15	15	..	..	..	..	..	..	..	..
	STEVENSTON:													
5932	Public School, New Street.	1882	J. Dickie	J. Taylor A. Forbes	..	36	..	..	..	..	14	..	..	..
	TARBOLTON													
5939	Public School	—	J. Crawford	F. K. Macpherson	12	12	..	..	..	..	..	..	..	..
	WATERSIDE:													
7842	*Hareshaw Pubic School.*	*1891*	*J. Fulton*	*G. D. McKnight*	..	*10*	..	..	..	..	..	..	..	..
	BANFF.													
	ABERLOUR:													
5722	*Public School, The Square.*	*1881*	*R. G. Morrison*	*W. C. Third*	*6*	*2*	*2*	..	..	..	..	..	..	..
	ALVAH:													
8008	Public School	1894	F. W. Runcie	J. Kidd	..	*	..	..	..	..	6	..	..	..
	BANFF:													
7846	*Burgh Academy, Institution Terrace.*	*1889*	*G. A. Duncan*	*I. B. Cruickshank* *J. Geddes* *A. Symon, M.A., B.Sc.* *L. S. Baikie*	*20*	*30*	*8*	..	..	..	*10*	..	..	..
7957	*Public School, Hilton*	*1893*	*W. Joss*	*A. Scott*	..	*15*	..	..	..	..	..	..	..	..

SCOTLAND.

Theoretical Mechanics, *Fluids*. VIb.	Applied Mechanics. VII.	Sound, Light, Heat. VIII.	Sound. VIIIa.	Light. VIIIb.	Heat. VIIIc.	Alternative Physics. *A*. VIII. & IX.	Magnetism and Electricity. IX.	Inorganic Chemistry (Theory). X. *t*.	Inorganic Chemistry (Practl.). X. *p*.	Organic Chemistry (Theory). XI. *t*.	Organic Chemistry (Practical). XI. *p*.	Geology. XII.	Mineralogy. XIII.	Human Physiology. XIV.	General Biology. XV.	Zoology. XVI.	Botany. XVII.	Principles of Mining. XVIII.	Metallurgy, Theory. XIX.	Metallurgy, Pract. XIX. *p*.	Navigation. XX.	Nautical Astronomy. XXI.	Steam. XXII.	Physiography. XXIII.	Principles of Agriculture. XXIV.	Hygiene. XXV.
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SCOTLAND.

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	BANFF—*cont.*													
	BUCKIE:													
7627	Public School, West Church Street.	1890	J. Macdonald	C. G. Bennett, S. Burness, J. Dickie, M.A.	*	*	6	..	..	..	10	..	..	..
	DUFFTOWN:													
5984	*Female Public School, Morelach, Church Street.*	*1878*	*A. Walkinshaw*	*W. C. Third*	*4*	*3*	*2*	..	*2*	..	..	..	..	..
	FORDYCE:													
5796	Public School	1888	J. Grant	G. Innes	..	28	..	..	..	..	15	..	..	..
	KEITH:													
5870	Public School, Old Town.	1874	W. Robb	A. M. Hay, J. Cobban, P. Edward, M.A.	40	18	10	..	8	..	15	..	..	..
	MACDUFF:													
5908	*Public School, Shand Street.*	*1871*	*H. Wiseman*	*M. Hodge, D. Renton, P. Grant, M.A.*	*18*	*93*	..	..	..	..	*25*	..	..	..
	PORTSOY:													
5777	*Public School, Chapel Street.*	*1882*	*J. Hunter*	*W. Maclean, M.A.*	..	*85*	*20*	..	..	..	*15*	..	..	..
7908	Female Industrial School, Durn Road.	1892	Rev. W. Simmers, M.A.	J. Liddell	15	..	..	..	..	..	..	..	..	..
	BUTE.													
	ROTHESAY:													
7912	Public School, High Street.	1892	J. T. Wilson	D. Dewar	..	20	..	..	20	..	..	..	..	..
7912A	Academy, Public School, Chapelhill Road.	1893	"	W. Yuill, J. Lyle, A. G. Burgess	40	17	..	..	..	..	17	..	..	7
	CAITHNESS.													
	BOWER:													
7884	Public School	1891	J. Bremner	D. Craig	..	20	..	..	..	..	..	..	..	..
7884A	Gillock Public School	1891	"	D. Craig	..	20	..	..	..	..	..	..	..	..
	FRESWICK:													
5809	Public School	1888	J. McFadzean	G. T. Mackenzie	10	6	..	..	..	..	6	..	..	..
	KEISS:													
5769	*Aukengill Public School.*	*1884*	*J. Miller*	*G. Stalker*	..	*7*	..	..	..	..	*4*	..	..	..
	LYBSTER:													
7814	Newlands Public School.	1889	A. Mackay	J. Sutherland	..	36	..	..	..	..	..	..	..	..
	SPITTAL:													
7864	Public School	1891	W. C. Gunn	R. A. Morgan	..	20	..	..	..	..	..	..	..	..
	THURSO:													
7975	Miller Institution, Public School, Sinclair Street.	1893	A. Manson	D. L. Phease, M.A., A. Young, M.A.	..	70	20	..	..	..	25	..	..	10
	WATTEN:													
5954	Gersa Public School	1876	C. Davidson	A. Sutherland	..	13	..	..	..	..	..	..	..	..

SCOTLAND

Theoretical Mechanics, *Fluids*. VIb.	Applied Mechanics. VII.	Sound, Light, and Heat. VIII.	Sound. VIIIa.	Light. VIIIb.	Heat. VIIIc.	Alternative Physics. *A*.VIII. & IX.	Magnetism and Electricity. IX.	Inorganic Chemistry (Theory). X. *t*.	Inorganic Chemistry (Practl.) X. *p*.	Organic Chemistry (Theory). XI. *t*.	Organic Chemistry (Practical). XI. *p*.	Geology. XII.	Mineralogy. XIII.	Human Physiology. XIV.	General Biology. XV.	Zoology. XVI.	Botany. XVII.	Principles of Mining. XVIII.	Metallurgy, Theory. XIX.	Metallurgy, Pract. XIX. *p*.	Navigation. XX.	Nautical Astronomy. XXI.	Steam. XXII.	Physiography. XXIII.	Principles of Agriculture. XXIV.	Hygiene. XXV
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SCOTLAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Science.	I. Practical Plane & Solid Geometry.	II. Machine Construcⁿ & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	4 & 5.	6 & 7.	VIa. Theoretical Mechanics, *Solids.*
	CAITHNESS—*cont.*													
	WICK:													
5956	*Pulteney Town Academy Public School, Sinclair Terrace.*	*1878*	*E. G. Buik*	*W. Dick; J. Sutherland, M.A.; W. Philip, M.A., B.Sc.*	..	*60*	*50*	..	..	..	*35*	..	..	*18*
5956A	*South Public School, Pulteney Town.*	*1894*	"	*A. S. Fullarton*	*16*	*16*	..	..	..	..	..	..	..	..
5963	*North Public School, Louisburgh.*	*1889*	*A. Corner*	*G. Gunn; H. M. Gunn*	*8*	*25*	*8*	..	..	..	..	..	..	..
7920	*West Banks Public School.*	*1892*	*E. G. Buik*	*C. Fletcher, M.A.*	..	*25*	..	..	..	..	*20*	..	..	..
	CLACKMANNAN.													
	ALLOA:													
7795	Town Hall Buildings, Mars Hill.	1885	W. Pauling	E. Baker; R. W. Dron; J. Irving; E. M. Hamilton; P. D. Lauder; T. A. Cheetham; B. G. Cormack, M.A., B.Sc.	50	110	25	40	20	..	25	..	..	..
7978A	Academy, Public School, Ludgate.	1893	J. Cuthbert	M. Blair; J. Irving; B. G. Cormack, M.A., B.Sc.	20	50	..	..	..	..	23	..	..	..
	ALVA:													
7608	Public School, Park Place.	1880	J. Young	R. Somerville; W. Reid, B.Sc.; A. Lockhead	10	40	4	..	..	..	10	..	..	6
	DOLLAR:													
A5750	School of Science and Art Institute.	1878	T. W. McDonald.	P. D. Lauder; P. G. Millar; G. Thorn, M.A.; J. Taylor, M.A.; W. Masterton	290	770	64	21	5	..	120	4	..	..
	TILLICOULTRY:													
5945	Public School, Institution Place.	1871	T. Hetherington.	A. Henderson; J. Wilson, M.A.	15	18	..	10	..	..	..	..	..	..
	DUMBARTON.													
	ALEXANDRIA:													
5718	Public School, North Street.	1888	J. Brown	A. F. Campbell, M.A.; R. Gillies	..	30	2	..	15	..	..	..	..	..
	CLYDEBANK:													
5959	Public School, Kilbowie Road.	1877	G. Smith	W. Hewit, M.A.; J. Hogg; J. Anderson, M.A.; J. Gorrie; J. Paterson; W. Stevenson; A. C. Holburn, M.A.	56	120	..	30	..	20	40	..	..	25

SCOTLAND.

Theoretical Mechanics, *Fluids*. VIb.	Applied Mechanics. VII.	Sound, Light, and Heat. VIII.	Sound. VIIIa.	Light. VIIIb.	Heat. VIIIc.	Alternative Physics. *A.* VIII. & IX.	Magnetism and Electricity. IX.	Inorganic Chemistry (Theory). X. *t.*	Inorganic Chemistry (Practl.). X. *p.*	Organic Chemistry (Theory). XI. *t.*	Organic Chemistry (Practical). XI, *p.*	Geology. XII.	Mineralogy. XIII.	Human Physiology. XIV.	General Biology. XV.	Zoology. XVI.	Botany. XVII.	Principles of Mining. XVIII.	Metallurgy, Theory. XIX.	Metallurgy, Pract. XIX, *p.*	Navigation. XX.	Nautical Astronomy. XXI.	Steam. XXII.	Physiography. XXIII.	Principles of Agriculture. XXIV.	Hygiene. XXV.
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SCOTLAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Total Number of Individual Students. Science.	I. Practical Plane & Solid Geometry.	II. Machine Construcn & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages. 1, 2, 3.	V. Pure Mathematics. Stages. 4 & 5.	V. Pure Mathematics. Stages. 6 & 7.	VIa. Theoretical Mechanics, *Solids*.
	DUMBARTON—*cont.*													
	DUMBARTON:													
A5754	School of Science and Art, Burgh Academy, Church Street.	1867	T. Thomson -	B. Strongman - A. L. Strongman A. Strongman - J. Smellie - - S. Paterson, M.A. J. Goldie - - J. Rodger, M.A. - A. T. Watson, M.A. - - - W. Mort - - W. Palmer - -	120	320	24	..	20	25	160	..	..	22
7922	Wesleyan School, Woodyard Road, West Bridge End.	1892	" -	W. Palmer - -	..	25	..	25	..	..	..	..	..	..
	HELENSBURGH:													
7706	Hermitage Public School, Argyle Street.	1883	G. Maclachlan	D. Buchanan, B.A. J. A. Crabbe, B.A.	..	80	..	..	..	..	75	..	..	..
	KIRKINTILLOCH:													
7644	Oswald School, Glasgow Road.	1882	A. Watson -	J. W. F. Gardner -	10	34	20	32	..	..	..	..	..	..
	LENZIE:													
7882	Academy Public School	1891	J. Hutcheson	P. C. Goldie - R. Mitchell - -	60	70	..	..	..	..	30	..	..	..
	ROW:													
7715	Clyde Training Ship "Empress."	1888	G. Gray - -	G. S. Deverell - W. Morrison -	..	44	..	..	..	..	..	..	..	..
	DUMFRIES.													
	BANKEND:													
8022	Hutton Hall Public School.	1895	J. Hunter -	A. B. Harris, M.A.	..	15	..	..	..	..	10	..	..	..
	CLOSEBURN:													
7621	Wallace Hall Academy	1880	W. Sloan -	J. Stevens, M.A. - D. T. Smith, M.A., B.Sc. - A. F. Innes, M.A.	..	45	14	..	..	..	30	4	..	8
	DUMFRIES:													
A5756	School of Science and Art, Academy, Academy Street.	1874	J. Symons -	G. Bain - - J. R. Bain - -	160	17	8	6	8	..	..	..	..	..
5771	Loreburn Public School.	1887	J. B. Dinwiddie	J. B. Waddell -	..	30	..	..	..	..	..	..	..	..
5757	St. Joseph's College -	1876	W. Lennon -	T. P. McCann - E. Hayes - - P. McCarron - J. K. Small - -	75	60	12	..	..	..	45	..	..	12
5757A	Mount St. Michael School, Craig's Road.	1894	" -	E. Hayes - - W. Mulrooney - J. McDonald - J. Timoney - -	42	60	12	..	..	..	32	..	..	..
	LANGHOLM:													
5898	Langholm Academy -	—	R. McGeorge -	J. Watson, M.A. -	..	16	..	..	..	..	..	..	..	..
	LOCHMABEN:													
7620	Public School - -	1888	T. E. Watson	W. McGowan, M.A.	..	10	..	..	..	..	..	..	..	..
	LOCKERBIE:													
7848	*Dryfesdale Public School, Townhead.*	*1891*	*D. McJerrow*	*C. Readdie - P. Malcolm, M.A. A. Cameron - W. Hair - -*	*6*	*45*	*15*	..	..	..	*20*	..	..	..

SCOTLAND.

VIb. Theoretical Mechanics, *Fluids.*	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	VIIIa. Sound.	VIIIb. Light.	VIIIc. Heat.	*A.* VIII. & IX. Alternative Physics.	IX. Magnetism and Electricity.	X. *t.* Inorganic Chemistry (Theory).	X. *p.* Inorganic Chemistry (Practical).	XI. *t.* Organic Chemistry (Theory).	XI. *p.* Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Human Physiology.	XV. General Biology.	XVI. Zoology.	XVII. Botany.	XVIII. Principles of Mining.	XIX. Metallurgy, Theory.	XIX. *p.* Metallurgy, Pract.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.	XXV. Hygiene.
22	10	20	..	..	10	70	80	12	..	..	..	..	..	..	..	..	..	..	..	..	..	..	26	..	..	..
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SCOTLAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Science.	I. Practical Plane & Solid Geometry.	II. Machine Construc^n & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	4 & 5.	6 & 7.	VIa. Theoretical Mechanics, *Solids.*
	DUMFRIES—*cont.*													
	SANQUHAR:													
5931	Public School, Queensbury Square.	1876	D. Paterson -	J. Bell - - -	..	18	..	..	..	..	..	..	..	..
	EDINBURGH.													
	BONNYRIGG:													
7973	Public School, High Street.	1893	T. B. Tod -	E. C. H. Maidman	..	20	..	..	20	..	..	..	..	..
	EDINBURGH:													
5775	Heriot-Watt College, Chambers Street.	1869	J. Cameron -	J. Riddel - - J. S. Rhind - - J. C. Mitchell - R. M. Walmsley, D.Sc. - - R. Stanfield - J. Gibson, Ph.D. W. Lees, M.A. - J. McKean - - J.G. Fairweather, B.Sc. - - - J. E. Mackenzie, B.Sc., Ph.D. - J. Jerdan - - J. A. Thomson, M.A. - - - J. W. Wallace - D. C. Longden, M.B., C.M. - A. Philip - - J. A. Featherstone, M.B., C.M. J. S. Flett, M.A., B.Sc. - - - A. R. Mackay - J. Gray - - W. Dickson -	275	1600	100	150	250	..	180	..	..	35
5779	College of Science and Technology, 63, Hanover Street.	1887	R. Cunningham	E. F. Macfarlane J.G. Fairweather, B.Sc. - - - A. E. Fairweather J. W. Price - - J. Edward, M.A., B.Sc. - - - M. Howieson - G. A. E. Fairweather - - J. Douglas - -	20	90	25	54	25	..	40	5	5	6
5788	*Free Church Normal and Model School, Moray House, 174, Canongate.*	*1876*	*J. Watt* - -	*H. Wilkie, M.A.* *A. Somerville, M.A.* - - -	..	*150*	..	..	..	..	*40*	..	..	..
5790	Public School, Lothian Road.	1880	J. Arnot, M.A.	G. Cunningham - J. Cruickshank, M.A. - - - D. Urquhart, M.A. - - - C. W. M. Dunnet	250	100	100	..	..	..	..	..	..	..
5790A	South Bridge Public School, Infirmary Street.	1886	" -	J. Noble - - R. G. Lyall - - A. D. Graham - G. Peat - -	50	50	25	20	20	..	..	..	..	..
5790B	Leith Walk Public School, Brunswick Road.	1891	" -	R. J. Reith - - A. Stewart - -	50	40	10	30	20	..	..	..	..	..
5790C	*Royal High School, Regent Road.*	1891	" -	*D. Davidson, M.A.* - - - *T. W. Drinkwater* - -	..	*50*	..	..	..	..	..	..	..	..

SCOTLAND.

Theoretical Mechanics, *Fluids.* VIb.	Applied Mechanics. VII.	Sound, Light, and Heat. VIII.	Sound. VIIIa.	Light. VIIIb.	Heat. VIIIc.	Alternative Physics. *A.*VIII & IX.	Magnetism and Electricity. IX.	Inorganic Chemistry (Theory). X. *t.*	Inorganic Chemistry (Practl.). X. *p.*	Organic Chemistry (Theory). XI. *t.*	Organic Chemistry (Practical). XI. *p.*	Geology. XII.	Mineralogy. XIII.	Human Physiology. XIV.	General Biology. XV.	Zoology. XVI.	Botany. XVII.	Principles of Mining. XVIII.	Metallurgy, Theory. XIX.	Metallurgy, Pract. XIX. *p.*	Navigation. XX.	Nautical Astronomy. XXI.	Steam. XXII.	Physiography. XXIII.	Principles of Agriculture. XXIV.	Hygiene. XXV.
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SCOTLAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Total Number of Individual Students. Science.	I. Practical Plane & Solid Geometry.	II. Machine Construcⁿ & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	V. Pure Mathematics. Stages 4 & 5.	V. Pure Mathematics. Stages 6 & 7.	VIa. Theoretical Mechanics. *Solids.*
	EDINBURGH—*cont.*													
	EDINBURGH—*cont.*													
5790D	Sciennes Public School, Woodhead Place.	1892	J. Arnot, M.A.	D. Urquhart, M.A.; C. E. Tweedie	55	31	6	..	25	..	..	..	..	..
A5784	School of Science and Art, Royal Institute (Males), Princes Street.	1858	A. W. Inglis	E. Gibbons; C. D. Hodder; J. Baird; R. Pringle	239	33	25	8	..	..	..	..	..	..
A5785	School of Science and Art, Royal Institute (Females), Princes Street.	1858	"	M. H. Surenne; C. D. Hodder; R. E. Woon; A. Macgregor; M. Young	202	25	25	..	..	..	..	..	..	..
	GOREBRIDGE:													
7900	*Stobhill Public School*	*1892*	*J. Clark*	*W. Williamson; R. J. Plenderleith; A. Clyne*	..	*70*	*20*	..	..	..	*50*	..	..	..
	LEITH:													
5894	Navigation School, 14, Dock Place.	1855	J. Scott	J. Bolam; W. Grieve; T. Walton; W. S. Drysdale	..	300	..	25	..	25	250	..	..	..
5896A	Public School, Great Junction Street.	1892	R. Hardie	D. McF. Barker; J. C. Macpherson; J. Mann	110	101	..	..	..	..	..	..	..	..
†5896B	Craighall Road Public School.	1893	"	J. W. Tait, B.Sc.; A. Johnstone; J. Bolam	..	20	..	..	..	..	..	..	..	..
5897	Science College, Lochend Road.	1887	"	J. Bolam; W. G. Rennie, B.Sc.; J. S. Ker; J. W. Tait, B.Sc.; A. Johnstone; W. Dickson; W. Harris; G. P. Austin; J. Noble	50	400	50	50	50	..	50	6	6	20
5897A	Academy, Duncan Place.	1895	"	J. Morgan, M.A.	..	28	..	..	..	..	15	..	..	..
	LOANHEAD:													
7935	Public School	1892	D. B. Tod	M. Howieson; E. C. H. Maidman	..	27	..	..	15	..	..	..	..	..
	MID CALDER:													
8006	Public School	1894	W. Brown	M. Howieson	..	20	..	..	..	..	..	..	..	..
	NEW CRAIGHALL:													
8010	Public School, Whitehill Street.	1894	W. Hamilton	M. Howieson	..	15	..	..	..	..	..	..	..	..
	WEST CALDER:													
7855	*Public School, School Street.*	*1891*	*J. T. Mungle*	*W. Williamson*	..	*20*	..	..	..	..	..	..	..	..
	ELGIN.													
	BIRNIE:													
7987	Public School	1894	J. Wink	A. Murray, M.A.	8	10	..	..	..	..	..	..	..	..
	BURGHEAD:													
5789	*Public School, Grant Street.*	*1883*	*Rev. R. Niven*	*C. H. Sutherland; H. S. Winchester*	..	*40*	*6*	..	..	..	*4*	..	..	..

SCOTLAND.

Theoretical Mechanics, *Fluids.* VIB.	Applied Mechanics. VII.	Sound, Light, and Heat. VIII.	Sound. VIIIA.	Light. VIIIB.	Heat. VIIIC.	Alternative Physics. A.VIII. & IX.	Magnetism and Electricity. IX.	Inorganic Chemistry (Theory). X. *t.*	Inorganic Chemistry (Practl.) X. *p.*	Organic Chemistry (Theory). XI. *t.*	Organic Chemistry (Practical). XI. *p.*	Geology. XII.	Mineralogy. XIII.	Human Physiology. XIV.	General Biology. XV.	Zoology. XVI.	Botany. XVII.	Principles of Mining. XVIII.	Metallurgy, Theory. XIX.	Metallurgy, Pract. XIX. *p.*	Navigation. XX.	Nautical Astronomy. XXI.	Steam. XXII.	Physiography. XXIII.	Principles of Agriculture. XXIV.	Hygiene. XXV.
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SCOTLAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Science.	I. Practical Plane & Solid Geometry.	II. Machine Construc. & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1,2,3.	4 & 5.	6 & 7.	VIA. Theoretical Mechanics, *Solids.*
	ELGIN—*cont.*													
5752	DUFFUS: Public School - -	1879	A. Anderson, J.P.	J. W. Corrigall, M.A.	..	8	..	..	..	..	6	..	..	..
A5802	ELGIN: Victoria School of Science and Art, Moray Street and Gordon Street.	1876	W. Stephen -	J. Young - ; F. Neaves-Brearey - ; P. H. Grant - ; N. W. Anderson - ; E. Munro -	320	150	43	25	20	..	10	..	..	..
7765	The Academy, Moray Street.	1885	" -	N. Anderson -	..	20	..	..	..	..	20	..	..	..
5860	FOCHABERS: Milne's Institute - -	—	C. Cray - -	M. Chrystie - ; A. Leighton -	..	30	6	..	..	..	..	..	..	15
5807	FORRES: Public School, High Street.	1888	F. C. Mackenzie.	W. C. Third - -	8	9	7	2	4	..	..	..	..	..
7763	GRANTOWN-ON-SPEY: Grammar Public School	1891	Rev. W. Green	J. D. Rose, M.A. - ; J. D. Cheyne, M.A. - ; M. W. Findlay, M.A. -	..	50	..	..	..	..	50	..	..	..
5854	HOPEMAN: Public School - -	1888	J. S. George -	J. Crawford, M.A.	..	12	..	..	..	..	..	..	..	..
7791A	KNOCKANDO: *Junior Public School* -	*1894*	*J. F. Cumming*	*J. E. Grant* - -	*5*	..	..	..	..	..	..	..	..	..
7650	LHANBRYDE: Public School, St. Andrew's.	1882	H. Stewart -	J. Jessiman - ; M. Wallace - ; R. Stephen -	30	34	10	..	6	..	6	..	..	..
	FIFE.													
7657	ANSTRUTHER: Waid Academy, St. Andrew's Road.	1890	D. Cook - -	M. J. Watt - ; A. Brownie -	30	13	..	..	..	..	..	..	..	..
7951B	AUCHTERMUCHTY: North Public School -	1894	W. D. Patrick	W. H. Simpson -	..	12	..	..	12	..	..	..	..	..
5740	BURNTISLAND: Public School, Ferguson Terrace.	1882	T. N. Wallace	W. Wilson - ; A. Rhind - ; D. Symons - ; J. Mitchell -	18	25	10	12	10	..	10	..	..	10
7951C	CARNBEE: Public School - -	1892	W. D. Patrick	J. Wilkie - -	..	16	..	16	..	..	..	..	..	..
7951D	COLINSBURGH: *Public School* - -	*1892*	" -	*T. Clark* - ; *F. R. Lumsden* -	*15*	*20*	..	..	..	..	..	..	..	..
7951N	COWDENBEATH: Public School, Broad Street.	1893	" -	W. Williamson - ; R. A. Muir -	..	80	..	..	..	..	..	..	..	..
8804	CRAIL: Public School - -	1894	J. Guthrie -	J. McKinnon -	10	..	..	..	..	..	..	..	..	..
7951E	CROSSGATES: *Public School, Main Street.*	*1894*	*W. D. Patrick*	*R. Wallace* - -	*15*	..	..	..	..	..	..	..	..	..

SCOTLAND.

Theoretical Mechanics, *Fluids*. VIB.	Applied Mechanics. VII.	Sound, Light, and Heat. VIII.	Sound. VIIIA.	Light. VIIIB.	Heat. VIIIC.	Alternative Physics. A. VIII. & IX.	Magnetism and Electricity. IX.	Inorganic Chemistry (Theory). X. *t*.	Inorganic Chemistry (Practl.). X. *p*.	Organic Chemistry (Theory). XI. *t*.	Organic Chemistry (Practical). XI. *p*.	Geology. XII.	Mineralogy. XIII.	Human Physiology. XIV.	General Biology. XV.	Zoology. XVI.	Botany. XVII.	Principles of Mining. XVIII.	Metallurgy, Theory. XIX.	Metallurgy, Pract. XIX. *p*.	Navigation. XX.	Nautical Astronomy. XXI.	Steam. XXII.	Physiography. XXIII.	Principles of Agriculture. XXIV.	Hygiene. XXV.
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SCOTLAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Science.	I. Practical Plane & Solid Geometry.	II. Machine Construcⁿ & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1,2,3.	4 & 5.	6 & 7.	VIA. Theoretical Mechanics. *Solids.*
	FIFE—*cont.*													
	CUPAR:													
A5746	*School of Science and Art, Bell Baxter School, West Port.*	*1894*	*J. L Anderson.*	*W. H. Simpson* *W. A. Keys, M.A., B.Sc.* *J. A. Foote* *W. W. Walker*	*140*	*70*	*30*	*10*	*40*	..	..	..	..	..
	DUNFERMLINE:													
5765	High School, Buchanan Street.	1880	D. Gorrie	J. Robertson A. B. Don P. S. Black	45	36	..	..	12	..	10	..	..	10
5765A	Wilson School, New Row.	1890	„	E. M. Hamilton	..	60	15	50	..	..	..	..	..	..
	DYSART:													
7951W	Public School, Boreland.	1894	W. D. Patrick	J. Parker	..	30	..	..	..	..	..	..	..	..
7951X	Burgh Public School	1894	„	W. Easton G. McCulloch	6	12	2	12	..	..	..	..	..	..
	KETTLE:													
7951T	*Public School*	*1894*	„	*W. Fowler*	..	*20*	..	..	..	..	..	..	..	..
	KINGHORN:													
5875	Public School, Rossland Place.	1888	J. Wyllie	H. P. Maiden J. Welsh, M.D. W. M. Hutton S. Greig D. Morton	12	50	6	10	..	..	..	..	..	..
	KIRKCALDY:													
5766	Pathhead Public School Factory Road.	1875	D. Storrar	W. Wilson A. Rhind D. Symons	35	34	10	14	25	..	..	..	..	..
5886	High School, St. Brycedale Avenue.	1880	„	W. Wilson W. J. Gow J. M. Doggart, B.A. T. Melville A. Rhind D. Sy:nons W. Easton	250	200	40	45	30	..	140	20	..	..
	LARGOWARD:													
7951F	Public School	1892	W. D. Patrick	T. Clark	20	..	..	..	..	..	..	..	..	..
	LESLIE:													
7951P	West Public School, High Street.	1893	„	R. C. Kaighin	15	..	..	..	..	..	..	..	..	..
	LEVEN:													
5899	Greig Institute, Forth Street.	1873	J. Kerr	J. Barker	..	37	..	25	12	..	..	..	..	..
5899B	Public School	1893	„	W. Anderson	..	17	..	..	..	..	17	..	..	..
5899C	*Aitken Hall, Aitken Place.*	*1894*	*Rev. R. W. B. Creeke.*	*J. Parker*	..	*20*	..	..	..	..	..	..	..	..
	LOCHGELLY:													
7825	Public School, Station Road.	1889	J. Small	P. MacDuff, M.A.	..	20	10	..	..	..	..	..	..	..
	MARKINCH:													
8023	Markinch Public School	1895	W. Wilson	J. Welsh	..	20	..	..	..	..	..	..	..	..
	METHIL:													
951Y	Kirk!ands Cross Roads Public School.	1895	W. D. Patrick	G. Masterton	..	20	..	..	..	..	..	..	..	..
	NEWBURGH-ON-TAY:													
5902	Public School, Cupar Road.	1888	„	R. Murison, M.A.	..	15	..	..	..	..	..	..	..	..

SCOTLAND.

Theoretical Mechanics, *Fluids.* VIB.	Applied Mechanics. VII.	Sound, Light, and Heat. VIII.	Sound. VIIIA.	Light. VIIIB.	Heat. VIIIC.	Alternative Physics. *A*, VIII. & IX.	Magnetism and Electricity. IX.	Inorganic Chemistry (Theory). X, *t*.	Inorganic Chemistry (Practl.) X, *p*.	Organic Chemistry (Theory). XI, *t*.	Organic Chemistry (Practical). XI, *p*.	Geology. XII.	Mineralogy. XIII.	Human Physiology. XIV.	General Biology. XV.	Zoology. XVI.	Botany. XVII.	Principles of Mining. XVIII.	Metallurgy, Theory. XIX.	Metallurgy, Pracl. XIX, *p*.	Navigation. XX.	Nautical Astronomy. XXI.	Steam. XXII.	Physiography. XXIII.	Principles of Agriculture. XXIV.	Hygiene. XXV.
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SCOTLAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Total Number of Individual Students. Science.	I. Practical Plane & Solid Geometry.	II. Machine Construcⁿ & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	V. Pure Mathematics. Stages 4 & 5.	V. Pure Mathematics. Stages 6 & 7.	VIA. Theoretical Mechanics, Solids.
	FIFE—*cont.*													
† 7823	ST. ANDREWS: Madras College, South Street.	1889	C. S. Grace -	R. S. Douglas - E. Burnett - - A. Pringle - - J. McKenzie - A. S. M. Imrie, M.A. - - -	230	95	25	10	10	..	..	..	..	..
5942	TAYPORT: Public School, Queen Street.	1881	D. White -	J. Nicholl, M.A. - W. Erskine - -	27	28	7	..	..	..	28	..	..	..
7951U	THORNTON: Strathore Public School	1894	W. D. Patrick	J. Mitchell - - T. McEwen - -	15	12	12	..	..	..	..	..	..	..
7951Z	TORRYBURN: Public School, Main Street.	1895	" -	E. M. Hamilton -	..	18	..	6	..	..	..	..	..	..
7951K	UPPER LARGO: Public School, Kirkton	1892	" -	T. Nicholl - -	24	..	..	..	..	..	..	..	..	..
7951V	WINDYGATES: *Balcurvie Public School.*	*1894*	" -	*A. Coutts* - -	..	*45*	..	..	..	..	..	..	..	..
	FORFAR.													
†5725	ARBROATH: High School, Keptie Road.	1874	W. Alexander	H. T. Wyse - - R. Moodie - - A. R. Fulton - W. Royal - -	160	90	..	60	10	..	..	..	..	..
8018	BARRY: Public School - -	1895	D. Kidd - -	J. D. Johnstone -	..	10	..	..	..	..	..	..	..	..
7698	BRECHIN: High School, St. Andrew's Street.	1883	J. Craig - -	D. L. Watt - - J. Mackay, M.A. -	20	15	12	6	..	..	10	..	..	..
5742	BROUGHTY FERRY: *Grove Academy Public School, Camperdown Street.*	*1887*	*D. S. Littlejohn.*	*W. R. Smith* -	*100*	*50*	*	*	..	..	..	..	..	..
7930	CRAIGO (MONTROSE): Public School - -	1892	A. Dickson -	J. D. Johnstone -	..	10	..	..	..	..	..	..	..	..
5758	DUNDEE: Young Men's Christian Association, 10, Constitution Road.	1871	J. Birrell -	W. B. Smith - W. Barrie - - H. R. McCulloch R. Gibson - - E. H. Fraser - G. C. Douglas - J. B. Mason - J. Aimer - - R. Smith - -	180	400	60	120	60	..	50	..	..	10
♙ 5759	School of Science and Art, High School, Euclid Crescent.	1856	A. W. Cumming	W. M. Grubb - J. M. Smith - R. D. Cairns - L. A. M. Hunter J. Y. Gray - - W. B. Black - F. W. Young - J. Gray, jun. - F. W. Michie, M.A. - -	700	250	70	80	18	..	..	..	..	36

SCOTLAND.

VIb. Theoretical Mechanics, *Fluids*.	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	VIIIa. Sound.	VIIIb. Light.	VIIIc. Heat.	*A.*VIII. & IX. Alternative Physics.	X. Magnetism and Electricity.	X. *t.* Inorganic Chemistry (Theory).	X. *p.* Inorganic Chemistry (Practl.).	XI. *t.* Organic Chemistry (Theory).	XI. *p.* Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Human Physiology.	XV. General Biology.	XVI. Zoology.	XVII. Botany.	XVIII. Principles of Mining.	XIX. Metallurgy, Theory.	XIX. *p.* Metallurgy, Pract.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.	XXV. Hygiene.
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SCOTLAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Science.	I. Practical Plane & Solid Geometry.	II. Machine Construcⁿ & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1,2,3.	4 & 5.	6 & 7.	VIA. Theoretical Mechanics, *Solids.*
	FORFAR—*cont.*													
	DUNDEE—*cont.*													
5761	Forebank House, Eadies Road.	1887	Rev. T. Brophy	W. B. Black T. Leary	12	25	..	..	..	..	..	..	..	..
A5762	School of Science and Art, Technical Institute, Small's Wynd.	1887	R. N. Kerr	T. D. Dunn G. Malcolm A. McN. Richardson J. Wyse W. A. Wynd J. W. Kippen J. McCowan, D.Sc., M.A. J. M. Malloch J. B. Corr F. J. Hambly J. R. Appleyard J. Faggie T. Reid	135	360	45	90	55	20	120	10	..	30
5901	South Road Public School, Lochee.	1874	Rev. W. Wright	N. R. Jamieson	20	30	5	15	5	..	10	..	..	..
A5979B	Art Class, Morgan Academy, Public School, Mayfield.	1889	Sir T. Thornton.	D. S. Murray J. Watson R. D. Small J. Dunn F. R. S. Walker D. Stewart T. Miller J. McR. Lowe	200	200	20	25	..	..	100	10	..	10
5986	Navigation School, 33, Dock Street.	1888	C. Barrie	A. Wood Capt. J. Lowe	..	120	..	..	..	..	120	..	..	..
A7774	Art, Class, Harris Academy, Park Place.	1885	Sir T. Thornton.	R. T. M. Allan J. G. Cockburn M. H. W. Whittet D. Gray A. Stott A. Edward, M.A., B.Sc. S. F. Butchard, M.A. H. P. Holburn, B.Sc. A. B. Paterson, B.Sc. W. McVey	690	460	30	20	12	..	272	..	..	..
	FORFAR:													
5965	Academy, Academy Street.	1873	A. Freeman	D. Barnet I. Bruce J. Brodie, M.A. J. Knox	150	130	50	30	20	..	25	..	..	..
	KIRRIEMUIR:													
7719	Public School, Remform Street.	1889	J. Wilkie	D. Barnet I. Bruce	30	24	12	10	10	..	..	..	..	..
	MONTROSE:													
A7603	School of Science and Art, The Academy, Academy Square.	—	W. Ross	J. Lessells I. McGregor D. Campbell J. R. Pullar	280	120	60	12	15	..	70	..	..	12
	HADDINGTON.													
	NORTH BERWICK:													
7966	High Public School, Law Road.	1893	A. D. Wallace	T. S. Glover	22	22	10	..	..	..	22	..	..	..

SCOTLAND.

Theoretical Mechanics, *Fluids*. VIB.	Applied Mechanics. VII.	Sound, Light, and Heat. VIII.	Sound. VIIIA.	Light. VIIIB.	Heat. VIIIC.	Alternative Physics. *A.* VIII. & IX.	Magnetism and Electricity. IX.	Inorganic Chemistry (Theory). X. *t.*	Inorganic Chemistry (Practl.) X. *p.*	Organic Chemistry (Theory). XI. *t.*	Organic Chemistry (Practical). XI. *p.*	Geology. XII.	Mineralogy. XIII.	Human Physiology. XIV.	General Biology. XV.	Zoology. XVI.	Botany. XVII.	Principles of Mining. XVIII.	Metallurgy, Theory. XIX.	Metallurgy, Pracl. XIX. *p.*	Navigation. XX.	Nautical Astronomy. XXI.	Steam. XXII.	Physiography. XXIII.	Principles of Agriculture. XXIV.	Hygiene. XXV.
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SCOTLAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Science.	I. Practical Plane & Solid Geometry.	II. Machine Construc[n] & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1,2,3.	4 & 5.	6 & 7	VIa. Theoretical Mechanics. *Solids.*
	INVERNESS.													
8016	BEAULY: Public School, Croyard Road.	1895	D. McLean -	J. Pollock, M.A. -	..	20	..	..	..	..	12	..	..	..
8017	DUNVEGAN: Public School - -	1895	J. Mackenzie -	J. Clubb - -	..	14	..	..	..	..	..	..	..	..
7638	FORT WILLIAM: Public School - -	1890	D. McLeish -	W. H. Bell, M.A., B.Sc.	20	10	..	..	..	..	..	..	..	..
5863	INVERNESS: High Public School, Kingsmills Road.	1886	R. Scott - -	J. A. L. Kennedy; A. MacBain, M.A.; J. Don, M.A. -; W. G. MacConmachie, M.A. -	150	250	..	..	..	..	100	..	..	..
5864	New Museum and Free Library Buildings, Castle Wynd.	1865	K. MacDonald	J. A. L. Kennedy; S. G. Alexander -; J. Don, M.A., B.Sc. - - -; W. Foxall - -; D. Macgregor -; W. R. Fraser -; A. C. Mackenzie -; A. McIntosh -	50	150	15	30	30	..	40	..	..	10
7645	*Rainings School, Barn Hill.*	*1880*	*D. H. Chisholme.*	*P. Delavault -; A. MacBain, M.A.; J. Don, M.A. -*	*45*	*135*	*20*	..	..	..	*55*	..	..	..
†7666	Royal Academy, Stephen Street.	1890	W. Anderson	P. Delavault -; J. W. Reid, M.A.	100	120	10	..	..	..	100	..	..	..
5885	KINGUSSIE: Public School, Spey St.	1873	L. Mackintosh	R. MacLennan -; G. T. Davison -	12	25	..	..	..	..	15	..	..	..
7892	PORTREE (SKYE): *Public School - -*	*1891*	*A. Macdonald*	*A. Gillanders -; J. B. McOwan, M.A. - - -*	..	*21*	..	..	..	..	*6*	..	..	..
	KINCARDINE.													
7979	ARBUTHNOTT: *Public School - -*	*1893*	*J. Andrew -*	*A. Mason - -*	..	*18*	..	..	..	..	..	..	..	..
7994	AUCHINBLAE: Fordoun Public School	1894	R. L. Crabb -	J. Hopkins, M.A.	30	10	..	..	..	..	10	..	..	..
7661	BANCHORY-TERNAN: Central Public School, School Hill.	1882	J. Merson -	J. D. Dean, M.A. -	..	36	..	..	..	..	20	..	..	..
5988	DRUMLITHIE: Public School - -	1888	J. J. Wallace -	J. D. Johnstone -	..	12	..	..	..	..	..	..	..	..
7783	LUTHERMUIR: Village Library, The Street.	1889	Rev. W. A. Mitchell.	J. D Johnstone -	..	12	..	..	..	..	..	..	..	..
7981	STONEHAVEN: Mackie Academy, Arduthie Road.	1893	R. Falconer -	W, G. Gordon -; G. Barclay, M.A.	50	25	9	..	..	..	..	..	..	18
	KIRKCUDBRIGHT.													
6970	CASTLE DOUGLAS: *Academy, Public School (Junior Department), Cotton Street.*	*1878*	*J. Dunn -*	*D. Ritchie - -*	..	*	..	..	*	..	..	..	..	..

SCOTLAND.

VIb. Theoretical Mechanics, *Fluids.*	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	VIIIa. Sound.	VIIIb. Light.	VIIIc. Heat.	*A* VIII. & IX. Alternative Physics.	IX. Magnetism and Electricity.	X. *t.* Inorganic Chemistry (Theory).	X. *p.* Inorganic Chemistry (Practl.).	XI. *t.* Organic Chemistry (Theory).	XI. *p.* Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Human Physiology.	XV. General Biology.	XVI. Zoology.	XVII. Botany.	XVIII. Principles of Mining.	XIX. Metallurgy, Theory.	XIX. *p.* Metallurgy, Pract.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.	XXV. Hygiene.
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SCOTLAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Science.	I. Practical Plane & Solid Geometry.	II. Machine Construc^n & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure mathematics. Stages 1,2,3.	4 & 5.	6 & 7.	VIA. Theoretical Mechanics, Solids.
	KIRKCUDBRIGHT—*cont.*													
	CASTLE DOUGLAS—*cont.*													
5970A	Academy Public School (Senior Department), Academy Street.	1893	J. Dunn	G. McLean, M.A.	..	60	..	..	..	..	60	..	..	..
	KIRKCUDBRIGHT:													
7962	Academy, Academy Wynd.	1893	A. Cavan	W. Bruce, M.A.; H. M. Cassells, M.A.; J. C. Chrystie, M.A.	20	40	15	..	..	[illegible]	40	3	..	..
7962A	Johnston Public School, St. Mary Street.	1893	"	J. C. Chrystie, M.A.	35	15	15	..	..	..	..	..	..	..
	LANARK.													
	AIRDRIE:													
5717	Science and Art Academy School, Mabrobank.	1876	T Russell	H. Manners, M.A., B.Sc.; P. C. Goldie; D. M. Simpson, M.A.; C. D. Rice, M.A.; R. Simpson, M.A.; C. R. Larkman; T. Scotland; P. B. Scotland; G. Lewis; J. C. Hendry; R. W. Dron	100	240	60	35	35	..	80	..	..	10
	BELLSHILL:													
5953B	Public School, North Road.	1894	R. Kerr	G. L. Kerr	..	20	..	..	..	..	..	..	..	..
	BIGGAR:													
7983	South Public School	1894	A. Russell	J. Young, M.A.	..	28	..	..	..	..	13	..	..	..
	BISHOPBRIGGS:													
7996	Public School	1894	T. McLelland	G. L. Kerr	..	12	..	..	..	..	..	..	..	..
	BLANTYRE:													
5859A	Public School, Stonefield.	1890	J. Brown	J. A. Woodburn	..	30	..	..	..	..	..	..	..	..
	CAMBUSLANG:													
7792	Public School, East Kilbride Road.	1885	R. Duncan	W. R. Cannon; I. A. Woodburn	..	.	..	..	..	..	..	..	..	..
7792A	West Coats Public School.	1885	"	J. Russell; W. Cannon; D. Newlands	..	50	40	..	..	..	10	..	..	..
	CARLUKE:													
790	Public School, Market Place.	1889	J. Matthews	J. Andrew; J. Edwards, M.A.; J. McCutcheon; D. Burns; J. Ewart, M.A.	..	70	30	20	..	..	50	..	..	..
	CARMUNNOCK:													
7997	Public School	1894	W. Fleming	J. McCutcheon	..	20	..	..	..	..	..	..	..	..
	CHRYSTON:													
7996A	Public School	1894	T. McLelland	P. Campbell; J. McCutcheon	..	40	..	..	..	..	..	..	..	..
	CLELAND:													
8009	Public School	1894	J. Hutton	R. W. Dron	..	40	..	..	..	..	..	..	..	..
	COATBRIDGE:													
5816	Gartsherrie Academy, Academy Street.	1887	C. Denholm	P. Barclay, B.A.; A. McKnight; H. G. Shaw	50	60	..	..	..	..	60	..	..	..

SCOTLAND.

Theoretical Mechanics, *Fluids*. VIB.	Applied Mechanics. VII.	Sound, Light, and Heat. VIII.	Sound. VIIIA.	Light. VIIIB.	Heat. VIIIC.	Alternative Physics. *A.*VIII. & IX.	Magnetism and Electricity. IX.	Inorganic Chemistry (Theory). X. *t.*	Inorganic Chemistry (Practl.). X. *p.*	Organic Chemistry (Theory). XI. *t.*	Organic Chemistry (Practical). XI. *p.*	Geology. XII.	Mineralogy. XIII.	Human Physiology. XIV.	General Biology. XV.	Zoology. XVI.	Botany. XVII.	Principles of Mining. XVIII.	Metallurgy, Theory. XIX.	Metallurgy, Pracl. XIX. *p.*	Navigation. XX.	Nautical Astronomy. XXI.	Steam. XXII.	Physiography. XXIII.	Principles of Agriculture. XXIV.	Hygiene. XXV.
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SCOTLAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Science.	I. Practical Plane & Solid Geometry.	II. Machine Construcn & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, & 3.	4 & 5.	6 & 7.	VIa. Theoretical Mechanics. Solids.
	LANARK—*cont.* COATBRIDGE—*cont.*													
A7723	School of Science and Art, Technical School and Mining College, Kildonan Street.	1891	W. J. Andrew	J. N. McLaurin W. Campbell F. H. Sangster T. T. Rankin, B.Sc. A. B. Robertson D. M. Mowat J. Reid T. Martin W. Russell C. S. Dougall, M.A. W. Roberts W. Service, M.A., B.Sc. T. M. Lovell, M.A. J. Picken W. Hay J. M. Clements	400	800	200	300	70	..	600	10	10	100
	DOUGLAS:													
7812	Public Sch., Braehead	1889	A. Hutchison	C. C. Riach	..	40	..	..	..	..	6	..	..	..
7812A	*Public School, Stablestone.*	*1893*	*T. Wilson*	*D. McKay*	..	*	..	..	..	..	*20*	..	..	..
	EAST KILBRIDE:													
7956	*Public School*	*1893*	*W. B. Crawford.*	*J. McCutcheon*	..	*25*	..	..	..	..	..	..	..	..
	GLASGOW:													
5818	Dennistoun Public School, Meadow Park Street.	1878	G. W. Alexander, M.A.	D. McKechnie	..	30	..	..	..	..	30	..	..	..
5818C	*Queen Mary Street. Public School.*	*1893*	„	*P. Stoker*	*20*	*2*	*2*	..	..	..	..	..	..	..
5819	*City Public School, 74, John Street.*	*1875*	„	*J. A. Walker* *F. Smith* *T. Leishman, M.A.* *J. Adam* *A. Stevenson, M.A.* *W. McFarlane* *R. L. Sutherland* *H. Dove* *W. Paddock* *B. Fish* *J. H. Harrison* *W. Adam* *R. Reid* *J. F. McFarlane* *E. Thompson*	*150*	*320*	*250*	..	..	..	*150*	..	..	*13*
5819A	Art Class, High Public School, 30, Elmbank Street.	1893	„	J. Campbell W. Paddock R. A. Nicolson, B.A., B.Sc. J. Weir R. S. Wishart, M.A. A. Stevenson, M.A., B.Sc. F. L. Grant, M.A., B.Sc. J. Macmillan, M.A. J. Main G. G. Gardiner D. E. Dobson J. Knight, M.A., B.Sc.	340	300	..	..	40	..	..	..	..	72
5820	Public Sch., Crookston Street.	1875		W. McW. Petrie A. S. McIntosh J. Martin, M.A. W. Robertson W. Fraser	30	53	30	28	15	..	20	..	..	..

SCOTLAND.

Theoretical Mechanics, *Fluids*. VIB.	Applied Mechanics. VII.	Sound, Light, and Heat. VIII.	Sound. VIIIA.	Light. VIIIB.	Heat. VIIIC.	Alternative Physics. *A.* VIII. & IX.	Magnetism and Electricity. IX.	Inorganic Chemistry (Theory). X. *t.*	Inorganic Chemistry (Practl.). X. *p.*	Organic Chemistry (Theory). XI. *t.*	Organic Chemistry (Practl.). XI. *p.*	Geology. XII.	Mineralogy. XIII.	Human Physiology. XIV.	General Biology. XV.	Zoology. XVI.	Botany. XVII.	Principles of Mining. XVIII.	Metallurgy, Theory. XIX.	Metallurgy, Pracl. XIX *p.*	Navigation. XX.	Nautical Astronomy. XXI.	Steam. XXII.	Physiography. XXIII.	Principles of Agriculture. XXIV.	Hygiene. XXV.
100	200	..	..	..	..	200	..	200	200	..	..	..	..	..	..	..	..	200	40	40	..	..	200	200	..	..
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12	..	..	..	..	..	*90*	..	*60*	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	*230*	..	*70*
..	..	40	..	..	..	..	66	152	70	..	..	12	..	50	..	..	30	..	..	..	..	..	..	140	..	50
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SCOTLAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Science.	I. Practical Plane & Solid Geometry.	II. Machine Construc^n & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1,2,3.	4 & 5.	6 & 7.	VIa. Theoretical Mechanics, *Solids.*
	LANARK—*cont.*													
	GLASGOW—*cont.*													
5822A	Young Men's Christian Association, Christian Institute, 70, Bothwell Street.	1875	W. M. Oatts -	A. Leitch -; W. Lee -	..	42	..	30	..	..	12	..	..	..
A 5824	School of Science and Art, Athenæum, St. George's Place.	1871	J. Lander -	C. G. Kennaway; D. M. Ferguson -; A. Robertson -; D. Wilkie -; J. A. Boyle -; A. Leitch -	150	46	..	14	32	..	..	..	..	..
5829	Young Men's Christian Association, Southern Section, 137, Norfolk Street.	1876	J. Heggie -	A. M. Brown -; W. S. Ireland -; P. Baird -	..	40	..	20	..	..	18	..	..	..
5830	Pub ic School, Grove Street.	1880	G. W. Alexander, M.A.	J. Craig, M.A. B.Sc. -; W. W. Russell, M.A. -	..	70	..	..	..	..	..	..	..	..
A 5831	School of Science and Art, Corporation Buildings, Sauchiehall Street.	1845	E. R. Catterns	F. H. Newbery -; J. M. Dunlop -; J. I. F. King -; J. Gray -; A. A. Nicholas -; E. Brady -; J. R. Allan -; K. Brown -; C. Anderson -; I. Allen -; J. Dunlop -; L. C. Bennie -; W. I. Anderson, B.A. -	580	70	30	..	40	..	..	..	..	..
5835	Free Church Normal Practising School, Cowcaddens Street.	1876	A. S. Baird, J.P.	G. S. Brown, B.Sc. -; E. J. V. Brown -	..	28	8	..	..	..	..	..	..	..
5837A	Gorbals Public School, Clyde Terrace.	1885	G. W. Alexander, M.A.	R. L. Sutherland -; D. Macpherson -; J. Campbell -; W. J. Goudeè, B.Sc. -; A. Balfour -	90	140	13	25	30	..	15	..	..	..
5838	Public School, Kent Road.	1886	" -	J. Lochhead -; R. Donnan -; W. McDonald -; A. C. Holburn, B.Sc. -; R. Gunn -; W. McLaren, M.A. -; F. L. Grant, B.A. -; A. B. Dobbie, B.Sc. -	50	76	40	60	..	..	65	..	..	15
5839	Public School, Napiershall Street.	1890	" -	E. Thomson -; A. Gardner -; J. Ferguson -; A. Leitch -	60	45	45	45	..	..	..	..	..	..
5843	Overnewton Public School, Lumsden Street.	1878	" -	C. Douglas, M.A. -	..	40	..	..	..	..	12	..	..	..
5958c	Townhead Public School, Cathedral Square.	1884	" -	G. Brown -; A. S. McIntosh -; A. Leitch -; W. Fraser -	33	50	20	30	20	..	..	..	..	..
5958D	Petershill Public School, Petershill Road.	—	" -	A. K. Cameron -; G. S. More -; R. Paton -; A. Jack -; W. O. Small -	50	100	30	30	..	..	20	..	..	..

SCOTLAND.

VIb. Theoretical Mechanics. *Fluids.*	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	VIIIa. Sound.	VIIIb. Light.	VIIIc. Heat.	*A.* VIII. & IX. Alternative Physics.	IX. Magnetism and Electricity.	X. *t.* Inorganic Chemistry (Theory).	X. *p.* Inorganic Chemistry (Practl.).	XI. *t.* Organic Chemistry (Theory).	XI. *p.* Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Human Physiology.	XV. General Biology.	XVI. Zoology.	XVII. Botany.	XVIII. Principles of Mining.	XIX. Metallurgy, Theory.	XIX. *p.* Metallurgy, Pract.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.	Hygiene.
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SCOTLAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Science.	I. Practical Plane & Solid Geometry.	II. Machine Construc^n & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	4 & 5.	6 & 7.	VI A. Theoretical Mechanics, *Solids.*
	LANARK—*cont.*													
	GLASGOW—*cont.*													
5978	Garnethill Public School, 91, Buccleuch Street, and Thistle Street.	1878	G. W. Alexander, M.A.	J. A. Walker J. Brown R. Garry, B.Sc. A. Holm, M.A.	240	120	20	..	..	..	100	..	..	..
†5976	*Glasgow and West of Scotland Technical College, Allan Glen's Institute, 68, North Hanover Street.*	*1878*	*J. Young, M.A.*	*J. G. Kerr, M.A.* *J. Brown* *T. A. Cheetham* *R. Hunter* *J. H. A. McIntyre* *T. J. Primrose* *G. Murdock, B.A.* *J. Dick, M.A.* *D. Waddell, M.A.* *P. Pinkerton, M.A.* *P. McLeod, M.A., B.Sc.* *J. Struthers, B.A.* *D. Duncanson* *L. H. Crosskey* *W. H. Bell*	*200*	*600*	*	*	..	..	*	..	..	*
5976A	*Glasgow and West of Scotland Technical College, Science and Art Buildings, 38, Bath Street.*	*1868*	"	*A. Jamieson* *W. Raitt, M.A., B.Sc.* *A. Mackay, B.Sc.* *W. H. Watkinson* *J. Dougall, M.A.* *J. Hamilton* *J. R. Jack* *A. H. Sexton* *E. W. Rees*	..	*850*	*225*	*275*	*5*	*60*	*260*	*35*	*36*	..
5976B	*Glasgow and West of Scotland Technical College, Andersonian Buildings, 204, George Street.*	—	"	*W. T. Rowden, B.Sc.* *J. Blyth, M.A.* *G. G. Henderson, D.Sc., M.A.* *A. H. Sexton* *W. H. Watkinson* *P. Bennett* *C. Gourlay* *T. S. Fraser* *T. A. Moodie* *W. Raitt, M.A.* *J. Dougall, M.A.* *G. S. Brown, B.Sc.* *T. King* *J. Barlow, M.D.* *A. McLean, B.Sc.* *J. Duncan* *C. Douglas, M.A.* *L. H. Cooke* *T. Gray, B.Sc.* *M. A. Parker, B.Sc.* *W. Ralston* *E. W. Rees* *J. Robson* *J. Lockhead*	*50*	* *1300*	*200*	*200*	*200*	..	*270*	*30*	*12*	*200*

SCOTLAND.

Theoretical Mechanics, *Fluids.* VIB.	Applied Mechanics. VII.	Sound, Light, and Heat. VIII.	Sound. VIIIA.	Light. VIIIB.	Heat. VIIIC.	Alternative Physics. *A.* VIII. & IX.	Magnetism and Electricity. IX.	Inorganic Chemistry (Theory). X. *t.*	Inorganic Chemistry (Practl.) X. *p.*	Organic Chemistry (Theory). XI. *t.*	Organic Chemistry (Practical). XI. *p.*	Geology. XII.	Mineralogy. XIII.	Human Physiology. XIV.	General Biology. XV.	Zoology. XVI.	Botany. XVII.	Principles of Mining. XVIII.	Metallurgy, Theory. XIX.	Metallurgy, Pracl. XIX. *p.*	Navigation. XX.	Nautical Astronomy. XXI.	Steam. XXII.	Physiography. XXIII.	Principles of Agriculture. XXIV.	Hygiene. XXV.
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200	200	80	70	70	70	..	180	305	195	72	68	50	23	50	..	..	70	69	71	47	..	..	230	..	..	50

SCOTLAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Science.*	I. Practical Plane & Solid Geometry.	II. Machine Construction & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	4 & 5.	6 & 7.	VIA. Theoretical Mechanics, *Solids.*
	LANARK—*cont.*													
	GLASGOW—*cont.*													
5976C	*Glasgow and West of Scotland Technical College, Young Laboratory Buildings, 60, John Street.*	*1882*	*J. Young, M.A.*	*R. P. Wright* - *J. Campbell, B.Sc.* - *J. Hendrie, B.Sc.* -	..	*150*	..	..	..	..	..	..	..	..
5976D	*Glasgow and West of Scotland Technical College, Industrial Art Rooms, 4, West Regent Street.*	*1893*	" -	*L. H. Crosskey* - *G. Graham* - *R. Ferris* - *J. Shaw* -	*50*	*12*	*12*	..	..	..	..	..	..	..
7626	Public School, Abbotsford Place.	1881	G. W. Alexander, M.A.	H. Dove, B.Sc. - A. McDonald, M.A. -	..	70	..	..	..	..	..	..	..	..
7630	St. Mungo's Roman Catholic Academy, 48, Parson Street.	1883	J. Callaghan -	E. A. Decoopman P. Sullivan - T. F. Barbour -	40	52	..	..	..	..	20	..	..	..
7631B	Hillhead Public School, Cecil Street.	1885	J. A. Craigie -	J. Campsie - D. Greig - J. Mackie, M.A. - R. Murray - J. Sinton - J. Park -	..	70	..	..	..	..	70	..	..	..
7708	Public School, John Street, Bridgeton.	1863	G. W. Alexander, M.A.	J. A. Monteith - J. Cuthbertson, M.A. - W. F. Ireland - R. Gall - J. Ross, M.A. - C. McDonald - J. Knight, M.A., B.Sc. - S. S. Palmer -	50	220	20	30	20	..	100	..	..	10
7714	Anderson's College, Medical School, Dumbarton Road, Partick.	1891	J. Kidston -	J. B. Watson, M.A. - G. B. Todd -	..	100	..	..	..	..	..	..	..	..
7734	Woodside Public School, Woodside Quadrant.	1884	G. W. Alexander, M.A.	R. Edgar, M.A. - J. Potts, M.A. -	..	120	..	..	..	..	120	..	..	..
7735	*Calton Public School, West Street.*	*1884*	" -	*A. Small* -	..	*30*	..	..	..	..	..	..	..	..
7736	Public School, 374, St. George's Road.	1884	" -	W. S. Nelson -	..	30	..	..	..	..	..	..	..	..
7737	Hamilton Crescent Public School, Partick.	1885	J. A. Craigie -	J. A. Monteith - W. Stevenson - N. T. Hendry - J. T. Dunn - J. Thomson - J. Graham - P. D. Ewing - C. Macdonald - J. Main -	50	270	30	30	20	20	126	..	..	45
7738	*Public School, 57, Sheilds Road.*	*1885*	*G. W. Alexander, M.A.*	*A. Erskine* - *A. Fish* -	..	*35*	..	..	..	..	*15*	..	..	..
7777	St. Aloysius College, Hill Street, Garnethill.	1889	Rev. A. Campbell.	P. Moran - J. Coogan - W. T. Crombie, M.A. -	..	70	..	..	..	..	•	..	..	..

SCOTLAND.

VIb. Theoretical Mechanics, *Fluids*.	II. Applied Mechanics.	VIII. Sound, Light, and Heat.	VIIIa. Sound.	VIIIb. Light.	VIIIc. Heat.	*A.* VIII. & IX. Alternative Physics.	IX. Magnetism and Electricity.	X. *t.* Inorganic Chemistry (Theory).	X. *p.* Inorganic Chemistry (Practl.).	XI. *t.* Organic Chemistry (Theory).	XI. *p.* Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Human Physiology.	XV. General Biology.	XVI. Zoology.	XVII. Botany.	XVIII. Principles of Mining.	XIX. Metallurgy, Theory.	XIX. *p.* Metallurgy, Pracl.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.	XXV. Hygiene.
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45	..	..	..	..	4	..	4	75	50	..	..	..	..	..	..	..	..	..	..	..	..	..	20	70	..	..
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SCOTLAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Science.	I. Practical Plane & Solid Geometry.	II. Machine Construc^n & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	4 & 5.	6 & 7.	VI A. Theoretical Mechanics, Solids.
	LANARK—*cont.*													
	GLASGOW—*cont.*													
7872	Whitehill Public School, Whitehill Street, Dennistoun.	1891	G. W. Alexander, M.A.	J. Henderson, M.A. R. Dorman W. W. Russell, M.A. C. S. Dougall, M.A. J. R. Logan, M.A. A. Norwell J. Lander R. Reid, M.A. T. Lauder J. L. Smith, M.A. A. Balfour	100	244	10	60	20	..	150	9	..	..
7896	Pupil Teachers' Institute, 69, Montrose Street.	1892	"	H. Wilson R. L. Sutherland F. Smith J. F. Mcfarlane W. McFarlane J. Adam T. Leishman H. Dove A. Stevenson E. Fish T. Nisbet R. R. Agnew	485	360	120	..	..	..	120	..	..	..
7941	St. Alphonsus' Roman Catholic School, Greendyke Street.	1892	Rev. T. P. O'Reilly.	W. M. Petrie	25	25	..	..	..	..	..	..	..	..
1794A	St. Andrew's Roman Catholic School, Ropework Lane.	1892	"	J. D. McKerrow A. Gardiner T. McFadyen	120	120	..	..	..	..	..	..	..	..
7971	Band of Hope Union, 94, West Regent Street.	1893	R. Gill	J. C. Christie	..	40	..	..	..	..	..	..	..	..
	GOVAN:													
7631A	Bellahouston Academy, Paisley Road, W.	1885	J. A. Craigie	J. Anderson H. Miller, M.A. J. Mackie, M.A. C. Harris R. Hamilton J. H. A. MacIntyre. J. Little	60	200	12	30	15	..	80	..	..	25
7631C	Fairfield Public School, Fairfield Street.	1888	"	P. Hutchison A. Lang W. Ross H. Miller	..	110	..	20	..	..	54	..	..	..
7631D	Public School, Lorne Street.	1894	"	J. Main	..	20	..	..	..	..	..	..	..	..
7722	Govan Section, Glasgow United Young Men's Christian Association, 1, Morrison Street.	1883	J. Copeland, Jun.	J. A. Dron J. C. McIntyre A. Norwell J. Nisbet G. Nicol G. F. Filley, B.A.	26	360	*	*	*	*	*	*	*	*
	HAMILTON:													
5960	Beckford Street Public School.	1886	P. Keith	M. Blair J. Heard	..	25	..	..	..	..	25	..	..	..
8012	The Academy, Hope Street.	1878	"	J. London C. Sheldrake G. Reid P. Henderson J. A. Masterson W. Williamson J. Storry	219	250	6	15	30	..	100	5	..	25

SCOTLAND.

Theoretical Mechanics, *Fluids*. VIb.	Applied Mechanics. VII.	Sound, Light, and Heat. VIII.	Sound. VIIIa.	Light. VIIIb.	Heat. VIIIc.	Alternative Physics. A. VIII. & IX.	Magnetism and Electricity. IX.	Inorganic Chemistry (Theory). X. *t*.	Inorganic Chemistry (Practl.). X. *p*.	Organic Chemistry (Theory). XI. *t*.	Organic Chemistry (Practical). XI. *p*.	Geology. XII.	Mineralogy. XIII.	Human Physiology. XIV.	General Biology. XV.	Zoology. XVI.	Botany. XVII.	Principles of Mining. XVIII.	Metallurgy, Theory. XIX.	Metallurgy, Pract. XIX. *p*.	Navigation. XX.	Nautical Astronomy. XXI.	Steam. XXII.	Physiography. XXIII.	Principles of Agriculture. XXIV.	Hygiene. XXV.
8	20	..	..	..	..	..	..	65	65	..	..	..	..	..	..	..	..	..	..	..	..	..	20	50	..	..
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15	40	..	..	..	..	..	35	65	54	..	..	..	..	..	..	..	..	75	..	..	..	..	40	..	12	..

SCOTLAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Science.	I. Practical Plane & Solid Geometry.	II. Machine Construc[n] & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, & 3.	4 & 5.	6 & 7.	VIA. Theoretical Mechanics, Solids.
	LANARK—*cont.*													
	HAMILTON—*cont.*													
7640	St. John's Grammar School, Duke Street.	1880	R. W. Dick -	J. London - C. Sheldrake - J. Hendrie - W. Wingate, M.A.	30	60	..	..	..	..	50	..	..	..
	LANARK:													
5890	Grammar School, Wellgate Street.	—	S. M. Thomson	H. Henderson, M.A. - J. McCutcheon -	..	120	..	..	..	..	50	..	..	..
	LARKHALL:													
5889	Academy, Public School, Union Street.	1887	W. Cunningham.	T. Kidd M.A. - G. Thompson - W. M. Kilpatrick - J. Lightbody - W. Muir - J. Parker -	39	78	..	..	..	..	12	..	..	..
	LAW:													
7790A	Public School - -	1894	J. Matthews -	D. Burns - -	..	15	..	..	..	..	..	..	..	..
	LOW WATERS:													
5856	Public School, School Street.	1887	R. Kerr - -	R. Muir - - -	..	*	..	..	..	..	29	..	..	..
	MARYHILL:													
7991A	Eastpark Public School, Gairbraid Street.	1894	W. B. Gemmel	W. G. Baker - D. M. Cowan - D. Finlayson - R. W. Horn -	30	135	30	*	30	..	..	..	..	..
7991B	Possilpark Public School, Allander Street.	1894	„ -	J. Moffat - R. W. Horn - J. McLean -	15	45	20	20	25	..	..	..	..	..
	MOTHERWELL:													
5906	Dalziel Public School, Windmill Hill Street.	1876	W. R. Barbour	D. T. Macmillan - J. Orr - - - J. Dempster - J. B. Thompson -	80	100	12	30	30	..	30	..	..	12
5906A	Merry Street Public School, Dalziel Street.	1891	„ -	A. Macdonald, B.Sc. - - - D. Aitken, M.A. - W. Grieve -	60	110	..	..	..	..	..	..	..	..
7709	Public School, Hamilton Street.	1833	R. Kerr - -	W. Fordyce - J. Lindsay -	20	25	..	..	..	..	11	..	..	..
	NEWMAINS:													
7600	Coltness Iron Works School.	1894	A. D. Oliver -	J. Gray - - -	..	9	..	..	..	..	..	..	..	..
	POLLOKSHIELDS:													
7677	Public School Albert Road.	1883	J. A Craigie -	W. A. Hardie - H. Fulton - J. McKnight - J. Main -	..	120	..	..	..	..	16	..	..	..
	RUTHERGLEN:													
5929	Stonelaw Public School, Stonelaw Street.	1887	A. Macallan -	W. Forsyth - W. Moffatt, B.A.	..	15	10	..	..	..	5	..	..	..
	SHOTTS:													
5968	Calderhead Public School.	1888	D. Wellwood -	I. Love - -	..	30	..	..	..	..	15	..	..	..

SCOTLAND.

Theoretical Mechanics, *Fluids*. VIb.	Applied Mechanics. VII.	Sound, Light, and Heat. VIII.	Sound. VIIIa.	Light. VIIIb.	Heat. VIIIc.	Alternative Physics. A VIII, & IX.	Magnetism and Electricity. IX.	Inorganic Chemistry (Theory). X. t.	Inorganic Chemistry (Practl.) X. p.	Organic Chemistry (Theory). XI. t.	Organic Chemistry (Practical). XI.	Geology. XII.	Mineralogy. XIII.	Human Physiology. XIV.	General Biology. XV.	Zoology. XVI.	Botany. XVII.	Principles of Mining. XVIII.	Metallurgy, Theory. XIX.	Metallurgy, Pract. XIX. p.	Navigation. XX.	Nautical Astronomy. XXI.	Steam. XXII.	Physiography. XXIII.	Principles of Agriculture. XXIV.	Hygiene. XXV.
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SCOTLAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Science.	I. Practical Plane & Solid Geometry.	II. Machine Construc^n & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages. 1,2,3.	4 & 5.	6 & 7.	VIA. Theoretical Mechanics, *Solids.*
	LANARK—*cont.*													
7740	STRATHAVEN: Crosshill Public School, Townhead Street.	1884	A. W. Lyon	J. McCutcheon; J. Millar, M.A.; A. Mackay	..	50	..	..	..	..	..	..	..	..
7632	STRATHBUNGO: Public School, Craigie Street.	1886	J. A. Craigie	F. C. Nairn; J. Main; G. Johnston; C. Roy; A. Campbell; D. D McLellan; T. McGhie	80	150	20	25	..	..	70	..	..	..
5953	UDDINGSTON: Public School, Main Street.	1887	R. Kerr	J. Logan; A. M. Burdon, M.A.; A. Donaldson M.A.	43	63	..	..	..	..	63	..	..	..
7828	WHITERIGG: *Airdriehill Public School.*	*1889*	*R. Kincaid*	*J. McLukie; P. Campbell*	..	*40*	..	..	..	..	..	..	..	..
7601	WISHAW: *The Academy, Stewarton Street.*	*1879*	*J. Burgess*	*J. McLaurin; J. Dey, M.A.; R. Sneddon; W. McConnachie; D. Burns*	*20*	*110*	*10*	*20*	..	..	*35*	..	..	*5*
7601A	*Public School, Main Street.*	*1894*	,,	*D. Burns*	..	*	..	..	..	..	..	..	..	..
	LINLITHGOW.													
7674	BATHGATE: The Academy	1881	H. K. Shiells	A. Dunn, M.A.	..	23	..	..	..	..	..	..	..	..
5738	BO'NESS: Anderson Academy, Providence Lane.	1883	R. J. Jamieson	J. Boyd; J. Reith, M.A.; R. Walker	22	14	..	..	..	..	..	..	..	..
7654	FAULDHOUSE: Crofthead Public School.	1890	J. Brownlie	C. H. Sheldrake	13	7	7	..	..	..	..	..	..	..
8003	LINLITHGOW: Academy, West Port	1894	J. Russell	A. Muir, M.A.; W. Watson, M.A.	18	15	..	..	..	..	9	..	..	..
	NAIRN.													
7865	NAIRN: The Academy, Academy Street.	1881	A. Robertson	A. Lobban, M.A.; K. Macrae; A. Watt	..	50	..	..	..	..	15	..	..	10

SCOTLAND.

Theoretical Mechanics, *Fluids*. VIb.	Applied Mechanics. VII.	Sound, Light, and Heat. VIII.	Sound. VIIIa.	Light. VIIIb.	Heat. VIIIc.	Alternative Physics. A.VIII. & IX.	Magnetism and Electricity. IX.	Inorganic Chemistry (Theory). X. t.	Inorganic Chemistry (Practl.) X. p.	Organic Chemistry (Theory). XI. t.	Organic Chemistry (Practical). XI. p.	Geology. XII.	Mineralogy. XIII.	Human Physiology. XIV.	General Biology. XV.	Zoology. XVI.	Botany. XVII.	Principles of Mining. XVIII.	Metallurgy, Theory. XIX.	Metallurgy, Pract. XIX. p.	Navigation. XX.	Nautical Astronomy. XXI.	Steam. XXII.	Physiography. XXIII.	Principles of Agriculture. XXIV.	Hygiene. XXV.
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SCOTLAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Science.	I. Practical Plane & Solid Geometry.	II. Machine Construction & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	4 & 5.	6 & 7.	VI A. Theoretical Mechanics, Solids.
	ORKNEY.													
5989	DEERNESS: Public School	1889	W. P. Drever	M. Spence	..	20	4	..	..	..	20	..	..	..
7998	KIRKWALL: Burgh Public School, School Place.	1894	A. Buchanan	W. L. Thomson; J. R. Drever	..	70	..	..	..	..	70	..	..	5
7843	STROMNESS: Public School, School Place.	1891	J. Brown	M. Lucklater	12	..	..	..	..	..	..	..	..	..
7832A	SANDAY: Central Public School	1889	W. Muir	R. Jarvie, M.A.	..	10	..	..	..	..	10	..	..	..
	PEEBLES.													
7336	PEEBLES: Burgh and County High School.	1889	W. Lyon	G. Irvine; G. C. Pringle, M.A.; W. Macqueen, M.A.; F. R. Pearson; J. J. Tinlay	50	65	6	..	..	..	20	..	..	..
	PERTH.													
5868	ABERFELDY: Public School, Crieff Road.	1890	C. W. MacDougall.	A. Grieve, M.A.	20	12	6	..	..	..	8	..	..	..
7705	ALYTH: *Public School, Airlie Street.*	*1888*	*W. Japp*	*J. F. Ross*; *G. Cunnison*	*35*	*35*	*8*	..	*8*	..	*7*	..	..	..
7845	BLAIR ATHOLL: Public School	1891	J. Stewart	A. Kellock; W. Ruthven	15	35	10	..	..	..	16	..	..	..
5734	BLAIRGOWRIE: Public School, James' Street.	1881	L. Falconer	D. S. Calderwood, B.A.; H. D. Ross; J. Brown; G. Cunnison; J. Rodger; J. Stewart	41	70	10	12	20	..	12	..	..	18
7921	CALLANDER: McLaren High Public School.	1892	W. Thomson	J. Anderson, M.A.	..	10	10	..	..	..	..	..	..	..
7647	COUPAR ANGUS: Public School, Union Place.	1893	J. Adam	G. Cunnison; J. Haliburton; W. S. Cownie; G. Strain, M.A.	25	30	8	..	7	..	15	..	..	..
7889	CRIEFF: Morrison's Academy, Ferntower Road.	1891	M. Finlayson	J. D. Mackerrow	60	4	4	..	..	..	..	..	..	.
7877	KINCARDINE: Tulliallan and Kincardine Public School.	1891	Rev. J. McLaren.	J. K. Barr, M.A.	30	36	6	..	..	..	..	..	..	..

SCOTLAND.

Theoretical Mechanics, *Fluids*. VIB.	Applied Mechanics. VII.	Sound, Light, and Heat. VIII.	Sound. VIIIA.	Light. VIIIB.	Heat. VIIIC.	Alternative Physics. *A*.VIII. & IX.	Magnetism and Electricity. IX.	Inorganic Chemistry (Theory). X. *t*.	Inorganic Chemistry (Practl.) X. *p*.	Organic Chemistry (Theory). XI. *t*.	Organic Chemistry (Practical). XI. *p*.	Geology. XII.	Mineralogy. XIII.	Human Physiology. XIV.	General Biology. XV.	Zoology. XVI.	Botany. XVII.	Principles of Mining. XVIII.	Metallurgy, Theory. XIX.	Metallurgy, Pracl. XIX. *p*.	Navigation. XX.	Nautical Astronomy. XXI.	Steam. XXII.	Physiography. XXIII.	Principles of Agriculture. XXIV.	Hygiene. XXV.
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SCOTLAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Science.	I. Practical Plane & Solid Geometry.	II. Machine Construcn & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	4 & 5.	6 & 7.	VIA. Theoretical Mechanics, Solids.
	PERTH—*cont.*													
	PERSIE BLACKWATER (BLAIRGOWRIE):													
7667	*Public School* -	*1890*	*C. McKenzie* -	*W. McC. Smith* -	..	*8*	..	..	..	..	..	..	..	..
	PERTH:													
†A5916	School of Science and Art, Academy, Rose Terrace.	1863	P. Martin -	F. M. Black - R. Walker - W. Ellison - D. Ferrier - W. Jardine, M.A. A. Thomson, M.A., D.Sc. - A. M. Lornie - A. Robertson - J. S. Lumsden, B.Sc., Ph.D. -	260	290	20	6	6	..	180	8	..	30
5916A	*Public School, Caledonian Road.*	*1894*	„ -	*D. S. Lowson, M.A.* - *D. S. Grubb* - *H. Leslie* -	*15*	*58*	*20*	*12*	*8*	..	*12*	..	..	..
†7672	Sharp's Educational Institution, South Methven Street.	—	G. A. Mackenzie.	J. Smieton - J. Alexander, B.A. - E. Smart -	30	50	..	8	15	..	12	..	..	..
	PITLOCHRY:													
7625	Public School, Main Street.	1890	H. Mitchell -	J. W. Sinton - M. J. Keith -	20	60	..	..	..	..	25	..	..	..
	RENFREW.													
	BARRHEAD:													
7878A	Grahamston Public School.	1893	J. Watson -	J. Maxton - R. McConnachie, M.A. - J. Kilpatrick -	38	58	10	..	..	..	20	..	..	..
	GOUROCK:													
5840A	Eastern Public School, Chapel Street.	1893	J. W. F. Dunlop.	R. Fulton - J. H. McLean -	..	15	..	..	..	..	10	..	..	..
	GREENOCK:													
5850	*Town Hall, Hamilton Street.*	*1869*	*A. D. Murray*	*W. Gull* - -	*76*	*80*	*80*	..	..	..	..	..	..	..
5852	Academy, Public School, Nelson Street.	1874	G. Williamson	T. R. Milligan - W. W. Park - M. B. Cameron, B.Sc. - C. M. Morison, M.A. -	106	150	..	..	..	..	135	..	..	..
5852A	Holmscroft Public School, Ann Street.	1879	„ -	C. M. Morison, M.A. - D. Macfarlane, B.A. - A. Smith - S. Taylor - D. Cameron - J. M. Edwards, M.A. - G. Williamson - W. Cook, B.A. - G. S. Hill -	40	280	..	..	50	..	60	..	..	20

SCOTLAND.

Theoretical Mechanics, *Fluids*. VIb.	Applied Mechanics. VII.	Sound, Light, and Heat. VIII.	Sound. VIIIa.	Light. VIIIb.	Heat. VIIIc.	Alternative Physics. A.VIII. & IX.	Magnetism and Electricity. IX.	Inorganic Chemistry (Theory). X. *t*.	Inorganic Chemistry (Practl.) X. *p*.	Organic Chemistry (Theory). XI. *t*.	Organic Chemistry (Practical). XI. *p*.	Geology. XII.	Mineralogy. XIII.	Human Physiology. XIV.	General Biology. XV.	Zoology. XVI.	Botany. XVII.	Principles of Mining. XVIII.	Metallurgy, Theory. XIX.	Metallurgy, Pracl. XIX. *p*.	Navigation. XX.	Nautical Astronomy. XXI.	Steam. XXII.	Physiography. XXIII.	Principles of Agriculture. XXIV.	Hygiene. XXV.
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SCOTLAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Science.	I. Practical Plane & Solid Geometry.	II. Machine Construcⁿ & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	4 & 5.	6 & 7.	VI a. Theoretical Mechanics, *Solids.*
	RENFREW—*cont.*													
	GREENOCK—*cont.*													
5001	Public School, Shaw Street.	1879	G. Williamson	W. M. Roberts; W. S. Watson; H. Ferrier; D. Macarthen; J. C. Wylie; J. M. Hutchison	50	200	25	130	..	25	..	..	..	..
7960	Ladyburn Public School, Pottery Street.	1893	G. Murray	W. Lees, B.A.; T. Morrow	..	20	..	..	..	..	8	..	..	..
	JOHNSTONE:													
5869	Science and Art School, Floors Street.	1880	J. B. Stirling	A. Gardner; A. Fyfe; T. Scotland; W. R. Purdon, M.A.; R. Anderson	12	90	..	28	12	..	29	..	..	..
	KILMALCOLM:													
7988	Public School	1894	J. C. Hine	A. Smith; W. L. Walker	..	30	..	..	..	..	..	..	..	..
	LANGSIDE (GLASGOW):													
7918	Queen's Park Public School, Battlefield.	1892	W. B. Crawford.	A. Wylie; A. Flint	..	144	..	..	..	..	79	..	..	..
	NEILSTON:													
7878B	Public School	1894	J. Watson	T. Ferguson	..	20	..	..	..	..	..	..	..	..
	PAISLEY:													
5869A	Public School, Nethercraigs.	1891	J. B. Stirling	A. Brown	..	16	..	..	..	..	..	..	..	..
5912	School of Design, Gilmour Street.	1846	D. Young	C. Hayes; J. Anderson; W. Barr; H. O. Bedgood; W. Shedden; W. Shedden, jun.; W. R. Quinten; W. M. Roberts; W. S. Watson; W. Watt	120	220	100	40	40	..	20	..	..	..
†5915	*Grammar School and Academy, Oakshaw Street.*	*1883*	*W. Hutchison*	*J. Hardie, M.A.; J. P. Smith, M.A., B.Sc.; D. Crilley; T. Helme, M.A.; C. Hayes*	..	*170*	*10*	..	..	..	*130*	*10*	..	*14*
5915B	*Public School, Camphill, Canal Street.*	*1888*	”	*J. C. Sanderson, B.Sc.; J. S. McCowatt; J. Barr; W. Taylor*	*150*	*230*	*90*	..	..	..	..	..	..	*40*
5935	John Neilson Educational Institute, Oakshawhead.	1888	J. Gardner	A. Murdoch, Sen., B.A.; A. Murdoch, Jun.	..	50	..	..	..	..	40	..	..	..
	PORT GLASGOW:													
5920	Public School, Jean Street.	1886	J. Hood	J. S. Boag, B.Sc.; C. R. Bruce; J. M. Hutch; T. C. McNeill	20	170	20	30	14	40	60	..	..	..
	RENFREW:													
7726	Blythswood Testimonial Grammar School, Fulbar Lane.	1883	W. Miller	G. Reid; J. G. Reid; G. Irving, M.A.	..	60	..	40	..	25	..	..	..	..
	WHITEINCH (GLASGOW):													
7987	*Scotstoun Public School.*	*1892*	*Rev. G. D. B. Munro.*	*J. J. McKean*	..	*12*	..	..	..	..	*	..	..	..

SCOTLAND.

VIb. Theoretical Mechanics, *Fluids*.	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	VIIIa. Sound.	VIIIb. Light.	VIIIc. Heat.	A.VIII. & IX. Alternative Physics.	IX. Magnetism and Electricity.	X. *t*. Inorganic Chemistry (Theory).	X. *p*. Inorganic Chemistry (Practl.).	XI. *t*. Organic Chemistry (Theory).	XI. *p*. Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Human Physiology.	XV. General Biology.	XVI. Zoology.	XVII. Botany.	XVIII. Principles of Mining.	XIX. Metallurgy, Theory.	XIX. *p*. Metallurgy, Pract.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.	XXV. Hygiene.
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SCOTLAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Science.	I. Practical Plane & Solid Geometry.	II. Machine Construcn & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	4 & 5.	6 & 7.	VIa. Theoretical Mechanics, Solids.
	ROSS AND CROMARTY													
	PORTMAHOMACK:													
7758	*Tarbat Old Public School.*	*1885*	*J. Ross*	*J. Ewing*	..	*15*	*15*	..	..	..	..	..	..	..
	STORNOWAY (LEWIS):													
7915	Nicolson Public School, Sandwick Road.	1892	"	J. Taylor; W. J. Gibson, M.A.; A. McD. Younie, M.A.	20	20	..	..	12	..	12	..	..	18
7942	*Free Church School, Francis Street.*	*1892*	*A. McArthur*	*J. P. McRobert*	*10*	*20*	..	..	..	..	..	..	..	..
	TAIN:													
7811	Royal Academy, Academy Street.	1889	W. T. Mactavish.	H. Macgill; H. C. Robertson, M.A.	15	..	..	..	..	..	..	..	..	..
	ROXBURGH.													
	HAWICK:													
A7750	School of Science and Art, Buccleuch Memorial, Bridge Street.	1884	D. McB. Watson.	F. W. Wood; D. Hill; M. Dechan; W. P. Kennedy; J. Riddle, M.A.	110	100	25	..	..	..	10	..	..	..
	HOWNAM:													
5872	Public School	1887	J. Mitchell	J. Cuthbert	..	10	..	..	..	..	..	..	..	..
	KELSO:													
8020	High School, Edenside Road.	1895	W. Robson	J. Kemp, M.A.; J. W. Pulsford, B.A.; W.K. Bretherton, B.A.; W. Adamson; A. Tansley; A. Goodfellow	..	26	..	..	..	..	12	..	..	..
	SELKIRK.													
	GALASHIELS:													
A7669	Public School, Roxburgh Street (Branch School of Science and Art).	1881	The Secretaries	F. W. Wood; J. Huck	35	12	12	..	..	..	..	..	..	..
	SELKIRK:													
5926	Burgh School, Back Row.	1886	W. O. Robertson.	B. J. H. B. Weddell, M.A.	20	20	..	..	..	..	..	..	..	..
	STIRLING.													
	CARRON:													
7655	School	—	S. Thorpe	R. B. Brown; J. Oliver; D. Finlayson	20	36	23	24	.	..	12	..	..	..

SCOTLAND.

Theoretical Mechanics, *Fluids.* VIb.	Applied Mechanics. VII.	Sound, Light, and Heat. VIII.	Sound. VIIIa.	Light. VIIIb.	Heat. VIIIc.	Alternative Physics. A. VIII. & IX.	Magnetism and Electricity. IX.	Inorganic Chemistry (Theory). X. t.	Inorganic Chemistry (Practl.). X. p.	Organic Chemistry (Theory). XI. t.	Organic Chemistry (Practical). XI. p.	Geology. XII.	Mineralogy. XIII.	Human Physiology. XIV.	General Biology. XV.	Zoology. XVI.	Botany. XVII.	Principles of Mining. XVIII.	Metallurgy, Theory. XIX.	Metallurgy, Pracl. XIX. p.	Navigation. XX.	Nautical Astronomy. XXI.	Steam. XXII.	Physiography. XXIII.	Principles of Agriculture. XXIV.	Hygiene. XXV.
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SCOTLAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Total Number of Individual Students. Science.	I. Practical Plane & Solid Geometry.	II. Machine Construcn & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	V. Pure Mathematics. Stages 4 & 5.	V. Pure Mathematics. Stages 6 & 7.	VIA. Theoretical Mechanics, *Solids.*
	STIRLING—*cont.*													
	DRYMEN:													
7879	Buchanan Public School.	1891	W. W. Murray	J. Dunlop - -	2	3	..	..	..	..	..	..	..	..
	FALKIRK:													
†A 5804	School of Science and Art, High School, Bank Street.	1878	T. Gibson -	P. Wright - ; R. McIntosh - ; P. Taylor - ; J. Thompson - ; A. Cuthell - ; W. Cormack, M.A., B.Sc. - ; J. Stuart, M.A. - ; W. Scott -	320	80	40	..	12	..	100	..	..	15
	REDDING:													
7760	Public School - - -	1885	R. Wyse, M.D.	J. W. Biggar, M.A.	10	15	3	..	..	..	..	..	..	..
	SLAMANNAN:													
5922	Public School - -	1890	T. Stevenson -	J. Clark - -	..	20	..	..	..	..	..	..	..	..
	STIRLING:													
A 5930	High School of Science and Art, Spittal Street.	1857	T. L. Galbraith	L. Baker - ; E. Baker - ; F. A. Murray - ; W. Walker - ; A. Wilson - ; W. Angus - ; G. Lowson, M.A., B.Sc. - ; R. W. Horn - ; R. Finlayson -	330	200	20	10	50	..	40	..	..	..
	SUTHERLAND.													
	ELPHIN:													
7780	*Public School* - -	*1889*	*Rev. C. Robertson.*	*D. G. Robertson* -	..	*10*	*10*	..	..	..	*10*	..	..	..
	ROSEHALL:													
7880	Public School - -	1891	A. Murray -	A. Urquhart, M.A.	..	6	..	..	..	..	6	..	..	..
	WIGTOWN.													
	NEWTON STEWART:													
7710	Ewart Institute, Institute Place.	1886	G. Gifford, J.P.	J. Middleton, B.Sc. - ; C. M. Stewart, B.Sc. - ; P. O. MacDonald, M.A. -	..	12	..	..	..	..	12	..	..	..
	WHITHORN:													
8015	Public School, Castle Hill.	1895	A. MacVea -	J. B. Williams - ; D. Morton -	..	50	..	..	..	..	..	..	..	..
	Total for Scotland - - - - - - -				15493	27503	3969	3312	2035	189	837	169	110	1084

SCOTLAND.

VIB	Theoretical Mechanics, *Fluids*.	..	..	..	..	..	..	..	..	..	633
VII.	Applied Mechanics.	..	..	..	..	..	..	..	..	..	1795
VIII.	Sound, Light, and Heat.	..	35	..	..	90	..	..	..	..	521
VIIIA.	Sound.	..	..	..	..	..	..	..	..	..	70
VIIIB.	Light.	..	..	..	..	..	..	..	..	..	84
VIIIC.	Heat.	..	..	..	..	..	..	..	..	..	232
A. VIII. & IX.	Alternative Physics.	..	..	..	..	..	..	..	..	..	1504
IX.	Magnetism and Electricity.	..	20	..	..	80	..	..	..	..	2537
X. *t.*	Inorganic Chemistry (Theory).	..	50	..	..	45	..	..	12	..	4493
X. *p.*	Inorganic Chemistry (Practl.).	..	50	..	..	24	..	..	..	..	2127
XI. *t.*	Organic Chemistry (Theory).	..	6	..	..	5	..	..	..	..	180
XI. *p.*	Organic Chemistry (Practical).	..	6	..	..	5	..	..	..	..	170
XII.	Geology.	..	..	..	..	..	..	..	..	..	297
XIII.	Mineralogy.	..	..	..	..	..	..	..	..	..	43
XIV.	Human Physiology.	..	..	..	..	..	..	..	..	..	679
XV.	General Biology.	..	..	..	..	..	..	..	..	..	40
XVI.	Zoology.	..	..	..	..	..	..	..	..	..	40
XVII.	Botany.	..	..	..	..	..	..	..	..	..	443
XVIII.	Principles of Mining.	..	..	10	20	..	..	..	..	..	1271
XIX.	Metallurgy, Theory.	..	..	..	..	..	..	..	..	..	151
XIX. *p.*	Metallurgy, Pracl.	..	..	..	..	..	..	..	..	..	87
XX.	Navigation.	..	..	..	..	..	..	..	..	..	490
XXI.	Nautical Astronomy.	..	..	..	..	..	..	..	..	..	585
XXII.	Steam.	..	..	..	..	..	..	..	..	..	1714
XXIII.	Physiography.	..	..	12	..	..	..	..	..	50	3742
XXIV.	Principles of Agriculture.	3	..	..	..	10	..	6	..	..	1300
XXV.	Hygiene.	..	..	..	..	..	..	..	..	..	919

IRELAND.

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	IRELAND.													
	CONNAUGHT.													
	GALWAY.													
	GALWAY:													
6067	City of Galway Technical Institute, 10, Dominick Street.	1891	Rev. P. J. Lally.	P O'Sullivan - } J. Moran - }	80	80	16	10	15	..	..	..	..	6
6034	Model Schools, Rahoon	1881	Rev. J. S. White.	R. B. Smith - -	..	10	..	..	..	..	10	..	..	..
6088	Dominican Convent, Taylor's Hill.	1895	Mrs. O'Farrell	P. O'Sullivan -	12	..	..	..	..	..	..	..	..	..
	LOUGHREA:													
6086	Clifton House, Main Street.	1895	B. M. Toole -	P. J. Hannon -	..	15	..	..	..	..	15	..	..	..
	TUAM:													
6059	St. Jarlath's College, Bishop Street.	1887	Rev. J. Curran	Rev. M. Healey -	..	50	..	..	..	..	..	..	..	..
	LEITRIM.													
	CARRIGALLEN:													
6007	National School, Beaghmore.	1879	W. J. Francis -	P. O'Rorke -	..	14	..	..	..	..	14	..	..	..
	DOWRA:													
6038	Tullyclevan School -	1883	P. McLoughlin	M. McGovern -	..	24	..	..	..	..	8	..	..	..
	KILTYCLOGHER:													
6062	Male National School -	1890	C. Bredin -	F. Maguire - -	..	15	..	..	..	..	12	..	..	..
	MAYO.													
	BALLAGHADERIN:													
6028	Townaghbrack National School.	1880	Rev. J. O'Connor.	T. Cryan - -	..	24	..	..	..	..	16	..	..	..
6030	*Edmondstown College*	*1888*	*T. C. McDermott.*	*Rev. J. Daly* - } *L. F. Roche* - }	*26*	*28*	*20*	..	..	..	*28*	..	..	*20*
	BALLINA:													
6015	No. 2 Male National School, Arthur Street	1888	Rev. M. Gallagher.	J. McMahon - -	..	25	..	..	..	..	20	..	..	..
6065	St. Muredach's Roman Catholic Seminary, Abbey Street, Ardnaree.	1891	Rev. J. Naughton.	E. Hayes, B.A. -	..	25	..	..	..	..	25	..	..	14
	BONNICONLAN:													
6040	Male National School -	1892	H. Devany -	P. Walsh - -	..	6	..	..	..	..	6	..	..	..
	KILTIMAGH:													
6046	Newtowne Browne Male National School.	1884	J. Morrin -	M. J. Doherty	..	12	..	..	..	..	12	..	..	..

IRELAND.

Theoretical Mechanics, *Fluids*. VIB.	Applied Mechanics. VII.	Sound, Light, and Heat. VIII.	Sound. VIIIA.	Light. VIIIB.	Heat. VIIIC.	Alternative Physics. A.VIII. & IX.	Magnetism and Electricity. IX.	Inorganic Chemistry (Theory). X. *t*.	Inorganic Chemistry (Practl.). X. *p*.	Organic Chemistry (Theory). XI. *t*.	Organic Chemistry (Practical). XI. *p*.	Geology. XII.	Mineralogy. XIII.	Human Physiology. XIV.	General Biology. XV.	Zoology. XVI.	Botany. XVII.	Principles of Mining. XVIII.	Metallurgy, Theory. XIX.	Metallurgy, Pract. XIX. *p*.	Navigation. XX.	Nautical Astronomy. XXI.	Steam. XXII.	Physiography. XXIII.	Principles of Agriculture. XXIV.	Hygiene. XXV.
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IRELAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Science.	I. Practical Plane & Solid Geometry.	II. Machine Construc^n & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	4 & 5.	6 & 7.	VIa. Theoretical Mechanics, *Solids.*
	ROSCOMMON.													
	BOYLE:													
6048	Academical Institute, Sheegorah House, Carrick Road.	1884	Rev. J. Watson, B.A.	J. A. Stewart, B.A.	..	12	..	..	..	..	10	..	..	5
	ELPHIN:													
6010	Bishop Hodson's Grammar School.	1881	J.M. Lloyd, J.P.	E. Irwin - -	..	20	..	..	..	..	20	..	..	..
	SLIGO.													
	CURRY:													
6016	*Male National School*	*1887*	*Rev. P. A. Filan.*	*J. T. Kennedy* -	..	*20*	..	..	..	..	*10*	..	..	*10*
	SLIGO:													
6013	Temple Street National School.	1888	Very Rev. M. Shannon.	T. Scallan - } H. C. O'Donnell - }	..	40	..	..	..	..	40	..	..	..
6014	*Primrose Grange Institute, Knocknarea.*	*1875*	*A. Jackson* -	*W. A. Skekleton* -	..	*25*	*25*	..	..	..	*25*	..	..	..
6021	Ursuline Convent, Finisklin.	1891	Sister Isabella Lyster.	K. Woulfe - } C. P. McGann - }	30	30	10	..	..	..	10	..	..	..
6032	Summerhill College -	1882	Rev. R. Williams.	C. P. McGann - } J. Corcoran - }	..	100	..	..	..	..	100	..	..	..
	LEINSTER.													
	CARLOW.													
	CARLOW:													
6141A	The Academy, Montgomery Street.	1880	Rev. J. Cullen	S. C. Bell, B.A. -	..	20	..	..	..	..	20	..	..	..
	DUBLIN.													
	BALBRIGGAN													
6196	Loretto Convent - -	1892	A. Good - -	H. Deasy - -	20	15	..	..	..	..	8	..	..	..
	BLACKROCK:													
6186	Dominican Convent, Sion Hill.	1889	Miss L. A. Rafferty.	C. E. Lodge - R. Mulcahy - H. Rose. - M. Bourke - M. Beyley -	40	20	..	..	..	..	20	..	..	..
	CASTLEKNOCK:													
16,120	St. Vincent's College -	1894	Rev. J. P. Cullen.	Rev. R. C. Bodkin - - - } J. S. de Courcy - }	..	80	..	..	..	..	65	..	..	15
	DALKEY:													
6192	Loretto Abbey - -	1891	Mrs. K. Murphy	A. O'Callaghan -	30	..	..	..	..	..	..	..	..	..
	DUBLIN:													
6107	*St. Vincent's Orphanage, Glasnevin.*	*1888*	*J. Connell* -	*J. G. Hogan* - -	..	*60*	..	..	..	..	*30*	..	..	..
A6111	Metropolitan School of Science and Art, Leinster House, Kildare Street.	1849	The Director -	—	•	•	..	..	..	..	..	..	..	..

IRELAND.

Theoretical Mechanics, *Fluids*. VIb.	Applied Mechanics. VII.	Sound, Light, and Heat. VIII.	Sound. VIIIa.	Light. VIIIb.	Heat. VIIIc.	Alternative Physics. A.VIII. & IX.	Magnetism and Electricity. IX.	Inorganic Chemistry (Theory). X. *t*.	Inorganic Chemistry (Pract.) X. *p*.	Organic Chemistry (Theory). XI. *t*.	Organic Chemistry (Practical). XI. *p*.	Geology. XII.	Mineralogy. XIII.	Human Physiology. XIV.	General Biology. XV.	Zoology. XVI.	Botany. XVII.	Principles of Mining. XVIII.	Metallurgy, Theory. XIX.	Metallurgy, Pract. XIX. *p*.	Navigation. XX.	Nautical Astronomy. XXI.	Steam. XXII.	Physiography. XXIII.	Principles of Agriculture. XXIV.	Hygiene. XXV.
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IRELAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Science.	I. Practical Plane & Solid Geometry.	II. Machine Construcⁿ & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	4 & 5.	6 & 7.	VIA. Theoretical Mechanics, Solids.
	DUBLIN—*cont.*													
	DUBLIN—*cont.*													
B 6111B	Branch School of Science and Art, St. Mary's Dominican Convent, Cabra.	1889	Mrs. A. M. Murphy.	J. Brenan; A. Jacob; P. B. Foy	46	34	..	..	..	..	16	..	..	..
6115	King's Hospital, Blackhall Place.	1876	G. R. Armstrong.	T. C. Devlin	..	25	..	..	..	..	25	..	..	15
6119	Sandymount Academical Institute, Sandymount Road.	1887	S. A. Cox	W. L. Whelan; W. A. Greer, B.A.; B. Moore, B.A.	12	30	..	..	..	..	..	..	..	..
6152	Dominican Orphanage, 19, Eccles Street.	1887	Miss T. O'Sullivan.	J. T. Miles; S. M. Gibney; D. J. Coffey, B.A. M.B.; S. M. P. McGrath	70	40	20	..	..	..	40	..	..	..
6157	Christian Brothers' Schools, North Richmond Street.	1885	J. O'Hurley	M. D. Murray	..	30	..	..	..	..	25	..	..	..
6181	Novitiate of Christian Brothers, Marino, Clontarf.	1889	J. C. Whitty	J. T. Miles; M. A. Hoban; J. M. Costen; J. D. Burke	40	40	..	..	..	..	40	..	..	..
6182	The O'Brien Institute, Marino, Clontarf.	1889	Rev. C. M. Hamilton.	Rev. J. S. O'Flanagan; Rev. J. J. Mullan; Rev. P. R. Gibbs	..	50	..	..	..	..	50	..	..	..
6184	Loretto Convent, Charleville Road, Rathmines.	1891	Mrs. M. Boylan.	J. T. Miles; M. Herbert	20	..	..	..	..	..	..	..	..	..
6185	Loretto Convent, 53, Stephen's Green, East.	1891	Mrs. J. M. Prendergast.	J. T. Miles; C. M. Murphy; M. F. Colahan; E. Culligan; P. A. E. Dowling, B.A.	65	30	..	..	..	..	14	..	..	..
6193	Wesley College, Stephen's Green, South.	1891	A. M. Fullerton.	F. Luke; D. H. Tinkler, B.A.; F. Heron, M.B.	30	40	..	..	..	..	30	..	..	20
6199	Loretto Convent, 43, N. Great George's Street.	1892	Mrs. M. G. Reddin.	M. P. Curran	30	3	3	..	..	..	..	..	..	..
16,104	St. Mary's University College, 28, Merrion Square (North).	1893	Sister M. A. Clinchy.	J. Smeeth; M. J. Conran; M. Robertson; P. A. E. Dowling, B.A.; C. A. Robinson	20	50	..	..	..	..	40	..	..	*
16,105	Pembroke Technical School, Cambridge Road, Ringsend.	1893	A. Graves	W. Tatlow; J. Taylor; H. G. Quirk; W. L. Whelan	35	50	..	15	..	..	10	..	..	..
6104	*Erasmus Smith's School, 43, Great Brunswick Street.*	*1874*	*Rev. J. O. Gage-Doherty, M.A.*	*C. H. Logan*	..	35	..	..	..	..	20	..	..	..
6109	Royal College of Science.	—	The Secretary	—	..	*	..	..	..	..	..	..	..	..
6113	City of Dublin Technical School, 18½, Lower Kevin Street.	1887	A. F. Graves	W. Millard; C. B. Outon; P. B. Foy; W. V. Dixon, B.A.; C. H. Logan	50	300	20	35	30	..	35	..	..	..
6116	Mechanics' Institute, Lower Abbey Street.	—	J. Owen	T. Neill, B.A.	..	20	..	..	..	..	..	..	..	6
6120	Railway Institute, Inchicore Square.	1878	G. D. M. Beard.	R. Cronin	..	35	..	30	..	..	..	..	..	..

IRELAND.

VIb. Theoretical Mechanics, *Fluids*.	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	VIIIa. Sound.	VIIIb. Light.	VIIIc. Heat.	AVIII & IX Alternative Physics.	IX. Magnetism and Electricity.	X. *t*. Inorganic Chemistry (Theory).	X. *p*. Inorganic Chemistry (Practl.).	XI. *t*. Organic Chemistry (Theory).	XI. *p*. Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Human Physiology.	XV. General Biology.	XVI. Zoology.	XVII. Botany.	XVIII. Principles of Mining.	XIX. Metallurgy, Theory.	XIX. *p*. Metallurgy, Pracl.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.	XXV. Hygiene.
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IRELAND.

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	DUBLIN—*cont.*													
	DUBLIN—*cont.*													
6154	Hibernian Marine School, 1, Upper Merrion Street.	1883	S. Hemphill -	J. H. Colvin - -	..	36	..	..	..	..	..	..	..	..
6156	Church of Ireland Training College, Kildare Place.	1885	Rev. H. K. Moore, M.A.	J. C. Rea, B.A. - J. Cooke, M.A. - Rev. J. Smith, M.A. - - -	..	35	..	..	..	..	35	..	..	25
6165	Masonic Orphanage Boys' Sch., Richview, Clonskeagh.	1884	O. Fry - -	J. Holdbrook - R. W. Clarke - J. M. Hamilton -	..	25	20	..	..	..	25	..	..	..
	KINGSTOWN:													
6179	Dominican Convent, Lower Georgé's St.	1889	Rev. E. D. Byrne.	M. Cameron - W. J. McDonald	50	50	5	..	..	..	12	..	..	..
	RATHFARNHAM:													
6144	Loretto Convent -	1889	Mrs. M. O'Reilly.	G. S. Dempsey - M. H. Ahern - F. Corcoran - C. Inomey - - E. Hagan - -	70	60	..	..	..	..	60	..	..	..
	KILKENNY.													
	FRESHFORD:													
6172	Boys' National School, The Square.	1885	Rev. M. Murphy.	J. R. Henchy -	..	7	..	..	..	..	7	..	..	..
	KILKENNY:													
6170	*Christian Brothers Schools, St. Mary's, James' Street.*	*1885*	*Alderman P. Rowan.*	*Rev. T. W. Dowling.*	..	*40*	*30*	..	..	..	*30*	..	..	..
6123	*St. Kieran's College, Ormonde Road.*	*1873*	*Rev. W. Cassin*	*Rev. P. Keohan, B.A.*	..	*60*	..	..	..	..	*40*	..	..	*20*
6124	*Model School, Ormonde Road.*	*1869*	*Rev. J. H. Morton, B.A.*	*J. Harrison* - -	..	*	..	..	..	..	4	..	..	..
6125	The Pococke College, Brownetown.	—	Rev. F. J. Hartley.	N. B. Browne - W. Ward - - J. B. Browne -	30	30	30	..	..	..	30	30	..	30
A6247E	Branch Sch. of Science and Art, Loretto Convent, St. James' Park.	1892	Mrs. M. B. Wade.	S. J. Murphy - M. Nesbitt - - M. Tobin - -	60	40	10	..	..	..	..	..	..	..
	KING'S COUNTY.													
	TULLAMORE:													
6174	St. Bridget's Male National School.	1887	D. Morgan -	J. Lavin - -	..	20	..	..	..	..	8	..	..	20
	LOUTH.													
	DUNDALK:													
6121	Educational Institute, St. Dominic's Place.	1874	W. J. Greer -	T. A. Finch, M.A.	..	55	..	..	..	..	12	10	..	20
6121A	Railway Works Class Room, Ardee Terrace.	1884	" -	L. J. Watson -	..	12	..	12	..	..	..	..	..	..
16,100	St. Mary's College, Nicholas Street.	1893	W. J. Murray	J. Byrne, B.A. -	..	30	..	..	..	..	30	..	..	..

IRELAND.

Theoretical Mechanics, *Fluids*. VIb.	Applied Mechanics. VII.	Sound, Light, and Heat. VIII.	Sound. VIIIa.	Light. VIIIb.	Heat. VIIIc.	Alternative Physics. A. VIII. & IX.	Magnetism and Electricity. IX.	Inorganic Chemistry (Theory). X, *t*.	Inorganic Chemistry (Practl.) X, *p*.	Organic Chemistry (Theory). XI, *t*.	Organic Chemistry (Practical). XI, *p*.	Geology. XII.	Mineralogy. XIII.	Human Physiology. XIV.	General Biology. XV.	Zoology. XVI.	Botany. XVII.	Principles of Mining. XVIII.	Metallurgy, Theory. XIX.	Metallurgy, Pracl. XIX, *p*.	Navigation. XX.	Nautical Astronomy. XXI.	Steam. XXII.	Physiography. XXIII.	Principles of Agriculture. XXIV.	Hygiene. XXV.
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	MEATH.													
	OLDCASTLE:													
6126	*Gilson Endowed School, Chapel Street.*	*1875*	*Rev. L. Grahan*	*W. J. De Vere* -	..	*24*	..	..	..	..	..	..	..	..
	QUEEN'S COUNTY.													
	PORTARLINGTON:													
1610	Incorporated Society's Collegiate School.	1871	Rev. J. F. Cole	W. J. McClelland, A. Rutledge -	..	40	..	..	..	..	40	26	15	30
	WEST MEATH.													
	ATHLONE:													
6019	*Ranelagh School* - -	*1877*	*Rev. R. Watson, B.D.*	*R. Baile, M.A.* -, *R. Baile, Jun.* -	..	*35*	*35*	..	..	..	*35*	..	..	*30*
6024	St. Mary's Intermediate School, Ballymahon Road.	1882	Rev. T. Langan, D.D.	B. Gillon - -, T. J. Marshall -	..	18	..	..	..	..	18	..	..	..
	BUNBRUSNA:													
6105	Faria School - -	1871	Rev. J. Rennison.	W. Browne - -	..	32	..	..	..	..	10	17	..	32
	WEXFORD.													
	ENNISCORTHY:													
6167	Loretto Convent, New Street.	1891	Sister C. Odevaine.	L. O'Callaghan -, E. O'Neill - -	20	..	..	..	..	..	..	..	..	..
	GOREY:													
6138	Loretto Abbey - -	1891	Mrs. M. A. Murray.	E. Lett - -, M. Flood - -	25	20	20	..	..	..	..	..	..	..
	NEW TOWN BARRY:													
16,102	St. Mary's Convent -	1893	Rev. J. Kenny	M. McNicholl -	32	..	..	..	..	..	..	..	..	..
	WEXFORD:													
6161	Loretto Convent, Richmond House.	1891	Mrs. M. V. O'Shea.	C. Ryan - -	30	..	..	..	..	..	..	..	..	..
6162	*St. Peter's College, Summer Hill.*	*1881*	*M. Doyle* -	*D. E. MacCarthy*	..	*100*	..	..	..	..	*60*	..	..	*
	WICKLOW.													
	BRAY:													
6104	Male National School, Main Street.	1886	D. Healy -	T. Clarke - -	..	35	..	..	..	..	..	..	..	..
	WICKLOW:													
16,118	*Dominican Convent* -	*1891*	*Sister S. M. M. Conran.*	*A. O'Leary* -, *K. O'Leary* -	*80*	*10*	*10*	..	..	..	..	..	..	..

IRELAND.

Theoretical Mechanics, *Fluids*. VIB.	Applied Mechanics. VII.	Sound, Light, and Heat. VIII.	Sound. VIIIA.	Light. VIIIB.	Heat. VIIIC.	Alternative Physics. A VIII. & IX.	Magnetism and Electricity. IX.	Inorganic Chemistry (Theory). X. *t*.	Inorganic Chemistry (Practl.). X. *p*.	Organic Chemistry (Theory). XI. *t*.	Organic Chemistry (Practical). XI. *p*.	Geology. XII.	Mineralogy. XIII.	Human Physiology. XIV.	General Biology. XV.	Zoology. XVI.	Botany. XVII.	Principles of Mining. XVIII.	Metallurgy, Theory. XIX.	Metallurgy, Pracl. XIX. *p*.	Navigation. XX.	Nautical Astronomy. XXI.	Steam. XXII.	Physiography. XXIII.	Principles of Agriculture. XXIV.	Hygiene. XXV.
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	MUNSTER.													
	CLARE.													
6207	COORACLARE: National School - -	1867	T. Lillis, J.P. -	D. Irving - -	..	25	..	..	..	..	25	..	..	..
6252	DARRAGH: National School, Fergus View.	1878	Rev. M. Gleeson.	T. Slattery - -	..	*	..	..	..	..	18	..	..	..
16,244	ENNIS: Diocesan College, Clare Road.	1892	Rev. C. Stuart	N. A. Brophy -	20	20	20	..	..	..	..	..	..	..
A6233A	Branch School of Science and Art, St. Mary's Convent of the Sisters of Mercy, Arthur's Row.	1892	M. P. Hogan -	N. A. Brophy - E. O'Brien - J. M. Griffin -	30	5	5	..	..	..	..	..	..	..
6227A	KILDYSART: Gortglass National School.	—	J. O'Dea - -	M. Griffin - -	..	*	..	..	..	..	*	..	..	..
6292	KILFENORA: Male National School -	1884	Rev. M. Crowe	J. Ryan - T. Chambers -	..	13	..	..	..	..	12	..	..	..
6450	KILMIHIL: *Cahirmurphy National School.*	*1887*	*T. Daly - -*	*J. Twomey - -*	..	*32*	..	..	..	..	*9*	..	..	..
6297	LACKEN: National School -	1883	Rev. J. Darcy	J. Kiely - - -	..	*	..	..	..	..	16	..	..	..
	CORK.													
6208	BANTRY: Male National School -	1886	W. Shanahan	J. Kelly, B.A. -	70	30	..	..	..	..	25	..	..	..
A6209G	BLACKROCK: Branch Sch. of Science and Art, Ursuline Convent.	1885	Mrs. E. Campbell.	W. A. Mulligan - E. Mulvany - K. Spillane - -	35	28	..	..	..	..	28	..	..	..
16,248	BUTTEVANT: Convent of Mercy -	1893	Sister F. C. Russell.	E. Anderson - H. Crowley - -	40	14	6	..	..	..	..	..	..	..
16,253	CLONAKILTY: Convent of Mercy -	1895	Mrs. M. A. Madden.	W. A. Mulligan -	40	..	..	..	..	..	..	..	..	..
A6206	CORK: Crawford Municipal School of Science and Art, Nelson Place.	1854	J. F. McMullen	W. A. Mulligan - H. Charde - - E. Anderson - P. O'Sullivan - C. E. Elwood - J. O'Sullivan - A. Whitelegge -	240	100	20	20	30	..	..	..	..	..
16,245	Ursuline High School, St. Angela's, St. Patrick's Hill, Richmond.	1888	Mrs. M. Barry	M. Nagle - - J. T. Keating, B.A. M. McCartan - E. Keating - - J. Roberts - -	40	35	..	..	..	..	25	*	..	..
A6209H	Branch School of Science and Art, St. Vincent's Convent, National School, Peacock Lane.	1886	Mrs. A. Lynch-Staunton.	H. Charde - - M. J. Bresnan -	50	40	..	..	..	..	25	..	..	..

IRELAND.

VIB. Theoretical Mechanics, *Fluids*.	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	VIIIA. Sound.	VIIIB. Light.	VIIIC. Heat.	*A.* VIII. & IX. Alternative Physics.	IX. Magnetism and Electricity.	X. *t.* Inorganic Chemistry (Theory).	X. *p.* Inorganic Chemistry (Pract.)	XI. *t.* Organic Chemistry (Theory).	XI. *p.* Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Human Physiology.	XV. General Biology.	XVI. Zoology.	XVII. Botany.	XVIII. Principles of Mining.	XIX. Metallurgy, Theory.	XIX. *p.* Metallurgy, Pract.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.	XXV. Hygiene.
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IRELAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Total Number of Individual Students. Science.	I. Practical Plane & Solid Geometry.	II. Machine Construcⁿ & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	V. Pure Mathematics. Stages 4 & 5.	V. Pure Mathematics. Stages 6 & 7.	VI A. Theoretical Mechanics, *Solids.*
	CORK—*cont.*													
	CORK—*cont.*													
16,238	*Rochelle Seminary, Old Blackrock Road.*	*1892*	*Rev. Canon D. H. Powell, D.D.*	*L. Clarke* - - *S. Archeson* - *I. Maxwell* - -	*20*	*9*	..	..	..	..	*5*	..	..	..
16,200	*Christian Brothers' School, Our Lady's Mount, St. Mary's Road.*	*1885*	*D. F. Giltinan*	*P. J. Hennessy* - *M. T. Moylan* - *S. P. Bonfil* - *J. A. Walker* - *J. J. Cullen* - *J. Keating, B.A.*	..	*60*	..	..	..	..	*50*	..	..	*30*
16,200B	Christian Brothers' College, St. Patrick's Place.	1889	" -	D. J. Ryan - - D. S. O'Connell - J. Comerton, B.A. J. D. O'Donoghue	..	50	..	..	..	..	50	..	..	10
6208	*High School for Girls, Sydney Place.*	*1885*	*G. Harrison* -	*H. A. Martin* - *E. Anderson* - *S. Robertson, B.A.* - - -	*20*	*25*	*12*	..	..	..	*15*	..	..	..
6295	Presentation Brothers' College, Mardyke.	1887	W. H. Mc-mahon.	E. J. Connolly - T. B. Moloney - E. Condon, B.A. -	..	150	30	..	..	..	80	..	..	..
6210	Model School, Anglesea Street.	1866	F. W. Allman	E. J. Murray - J. Roberts - -	..	25	..	..	..	..	10	..	..	25
	DRIMOLEAGUE:													
6255	Male National School, Chapel Street.	1877	J. R. Beamish	T. J. Hurley - -	..	18	..	..	..	..	5	..	..	..
	DUNMANWAY:													
A*6209B*	*Branch School of Science and Art, St. Mary's Schools.*	*1890*	*Sister G. Barraud.*	*W. A. Mulligan* - *H. C. Charde* -	*30*	*10*	*10*	..	..	..	..	..	..	..
	FERMOY:													
6284	St. Colman's College -	1887	Rev. J. Burton	M. R. Breen, B.A. W. O'Reilly -	..	74	..	..	..	..	74	..	..	..
	KINSALE:													
A6209D	Branch School of Science and Art, Convent of Sisters of Mercy, Rampart.	1884	Mrs. M. P. Egan	W. A. Mulligan - C. Keys - -	45	..	..	..	..	..	..	..	..	..
	MACROOM:													
16,228	Male National School, Temperance Lane.	1884	T. J. Twomey	D. O'Mahony -	..	40	..	..	..	..	40	..	..	..
6299	National School, Castle View.	1884	D. O'Keeffe -	T. O'Brien - -	..	12	..	..	..	..	8	..	..	..
	MEELIN:													
6238	National School -	—	Rev. D. Koppel.	E. Hannan - -	..	30	..	..	..	..	25	..	..	..
	MILLSTREET:													
16,229	Cullin Male National School, Lislehane.	1889	A. O'Sullivan -	J. Kiely - -	..	24	..	..	..	..	21	..	..	..
	NEWCESTON:													
6251	National School -	1888	Rev. J. J. Crowley.	D. McCarthy -	..	10	..	..	..	..	5	..	..	5
	ROCHESTOWN:													
16,249	Franciscan Capuchin College.	1893	T. P. Travers -	J. Comerton, B.A.	..	35	..	..	..	..	30	..	..	..
	SKIBBEREEN:													
6268	Bauravilla National School.	1879	Rev. J. W. Roche.	J. McCarthy - -	..	40	..	..	..	..	6	..	..	..
6281	Intermediate School, North Street.	1880	A. Collins -	E. L. Hogan, M.A. - - - D. Carey - -	..	28	..	..	..	..	20	..	..	..
6237	No. 2 National School, North Street,	1888	T. D. Mullins	J. Hayes - -	..	54	..	..	..	..	12	..	..	..

IRELAND.

Theoretical Mechanics, *Fluids.* VIB.	Applied Mechanics. VII.	Sound, Light, and Heat. VIII.	Sound. VIIIA.	Light. VIIIB.	Heat. VIIIC.	Alternative Physics. A. VIII. & IX.	Magnetism and Electricity. IX.	Inorganic Chemistry (Theory). X. *t.*	Inorganic Chemistry (Pract.). X. *p.*	Organic Chemistry (Theory). XI. *t.*	Organic Chemistry (Practical). XI. *p.*	Geology. XII.	Mineralogy. XIII.	Human Physiology. XIV.	General Biology. XV.	Zoology. XVI.	Botany. XVII.	Principles of Mining. XVIII.	Metallurgy, Theory. XIX.	Metallurgy, Pract. XIX. *p.*	Navigation. XX.	Nautical Astronomy. XXI.	Steam. XXII.	Physiography. XXIII.	Principles of Agriculture. XXIV.	Hygiene. XXV.
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IRELAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Science.	I. Practical Plane & Solid Geometry.	II. Machine Construc^n & Drawing.	III Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	4 & 5.	6 & 7.	VIA. Theoretical Mechanics, *Solids.*
	CORK—*cont.*													
	SKIBBEREEN—*cont.*													
6244	Creagh National School.	1877	J. J. Lewis -	J. Hickey - -	..	15	..	..	..	..	..	..	..	..
6245	Killeenleagh National School.	1876	J. Donovan -	J. McCarthy - -	..	15	..	..	..	..	10	..	..	..
	UNION HALL:													
6270	Male National School-	1879	Rev. E. Daly -	J. Collins - -	..	12	..	..	..	..	..	..	..	..
	YOUGHAL:													
16,254	Presentation Convent, South Abbey.	1886	Mrs. M. J. Power.	M. M. O'Ryan -	30	..	..	..	..	..	..	..	..	..
	KERRY.													
	KENMARE:													
16,209	Convent of Poor Clares	1884	Mrs. A. McCarthy.	M. Courtenay - B. Courtenay - G. Smith - -	30	4	4	..	..	..	..	..	..	..
	KILLARNEY:													
A6209	Branch School of Science and Art, Presentation Convent, New Street.	1884	Rev. D. O'Leary	W. A. Mulligan - L. A. D. O'Connor J. M. Twiss -	30	8	8	..	..	..	..	..	..	..
16,246	Loretto Convent, Torc View.	1891	Mrs. D. O. Shaughnessy.	M. Shelley - -	25	*	..	..	..	..	..	..	..	..
16,211	*Convent of Our Lady of Mercy, High Street.*	*1884*	*Sister M. S. O'Farrell.*	*E. Anderson* -	*15*	*8*	*8*	..	..	..	..	..	..	..
6230	St. Brendan's Seminary	1885	Rev. P. Hayes	Rev. D. Brosnan -	..	80	..	..	..	..	80	..	..	20
	LISTOWEL:													
6274	St. Michael's College, Church Street.	1879	D. Nolan -	M. J. O'Connell - M. Enright - - J. Molyneux -	..	50	..	..	..	..	50	..	..	10
	TRALEE:													
16,210	Presentation Convent, Upper Castle Street.	1884	Sister M. Connihan.	M. O'Sullivan - M. Cousins - - A. Mahon - - M. A. Healey - J. O'Sullivan - M. Mahon - -	86	24	10	..	..	..	14	..	..	..
	LIMERICK.													
	LIMERICK:													
16,206	Christian Brothers' Schools, Sexton Street.	1888	R. Nash - -	J. R. Kean - - W. M. McCarthy M. A. Angier - M. M. Conlon -	10	50	..	..	..	..	40	..	..	..
A6233	*School of Science and Art, Athenæum, Cecil Street.*	*1852*	*S. Hastings* -	*N. A. Brophy* - *G. Wood* - -	*150*	*80*	*80*	*80*	*80*	..	..	..	..	..
	NEWCASTLE (WEST):													
6277	Courtenay National Schools, Bishop Street.	1880	Rev. P. Hurley	J. D. Musgrave. -	..	30	..	..	..	..	3	..	..	..
	PALLAS GREEN:													
6258	Nicker Boys' National School.	1888	J. Sullivan -	M. Bowman -	..	30	..	..	..	..	20	..	.	..

IRELAND.

VIb. Theoretical Mechanics, *Fluids*.	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	VIIIa. Sound.	VIIIb. Light.	VIIIc. Heat.	A.VIII. & IX. Alternative Physics.	IX. Magnetism and Electricity.	X. *t*. Inorganic Chemistry (Theory).	X. *p*. Inorganic Chemistry (Practl.).	XI. *t*. Organic Chemistry (Theory).	XI. *p*. Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Human Physiology.	XV. General Biology.	XVI. Zoology.	XVII. Botany.	XVIII. Principles of Mining.	XIX. Metallurgy, Theory.	XIX. *p*. Metallurgy, Pracl.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.	XXV. Hygiene.
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IRELAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Science.	I. Practical Plane & Solid Geometry.	II. Machine Construc^n & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	4 & 5.	6 & 7.	VIa. Theoretical Mechanics, *Solids.*
	TIPPERARY.													
16,205	CLONMEL: Literary Institute, Anglesea Street.	1888	T. Hassett -	S. J. Murphy -	30	..	..	..	..	..	..	..	..	..
6240	NENAGH: Christian Schools, John's Street.	1886	E. Flannery -	Rev. M. S. O'Farrell.	..	25	25	..	..	..	20	..	..	15
A6111A	THURLES: Branch of Met. School of Science and Art, Ursuline Convent, Main Street.	1887	Sister M. de P. O'Connell.	J. Brenan - E. Griffin - A. Valentine - F. Cagney - M. Maher - M. Rafferty -	60	40	..	..	..	..	35	..	..	..
16,202	Christian Brothers' School, Jail Street.	1885	E. Kirwan -	P. C. Gallagher -	..	24	..	..	..	..	24	..	..	..
	WATERFORD.													
16,242	FERRYBANK: *Convent of the Sacred Heart of Mary.*	*1887*	*Sister M. A. Madden.*	*M. Fogarty -* *M. McGrath -*	*40*	..	..	..	..	..	..	..	..	..
6231	LISMORE: *Christian Brothers' School, Mount St. Carthage.*	*1887*	*J. O'Brien -*	*A. Gogarty -*	..	*14*	..	..	..	..	..	..	..	..
A6247	WATERFORD: School of Science and Art, Savings Bank, O'Connell Street.	1876	B. Bennett -	S. J. Murphy -	40	8	8	..	..	..	..	..	..	..
16,336	*Ursuline Convent, St. Mary's, Ballytruckle.*	*1886*	*Sister M. A. Kelly.*	*A. Nolte -* *M. Sherlock -* *F. Crean -* *C. O'Brien -*	*50*	..	..	..	..	..	..	..	..	..
16,240	Christian Brothers' College, Waterpark.	1892	J. Walsh -	Rev. J. T. Hayes J. Casey - M. Fitzgerald, B.A. - J. V. Casey -	10	25	5	..	..	..	10	..	..	..
16,214	*De La Salle Training College, Newtowne House.*	*1889*	*Brother Thomas.*	*J. A. Trubert -* *M. F. O'Reilly -* *A. O'Brien -* *J. B. Gentil -*	*130*	*160*	*130*	..	..	..	*160*	..	..	*130*
16,214A	St. Stephen's Monastery National School, St. Stephen's Street.	1894	The Principal	J. Dowling -	..	10	..	..	..	..	10	..	..	..
	ULSTER.													
	ANTRIM.													
6307	BALLYMENA: Model School - -	1877	Rev. R. M. McC. Gilmour.	J. Bresland - T. McGowan -	..	15	..	..	..	..	9	..	..	..
6309	Guy's Female National School, Wellington Street.	—	J. Todd -	A. Kirkpatrick -	..	15	..	..	..	..	..	..	..	..

IRELAND.

Theoretical Mechanics, *Fluids*. VIb.	Applied Mechanics. VII.	Sound, Light, and Heat. VIII.	Sound. VIIIa.	Light. VIIIb.	Heat. VIIIc.	Alternative Physics. A.VII & IX.	Magnetism and Electricity. IX.	Inorganic Chemistry (Theory). X. *t*.	Inorganic Chemistry (Pract.) X. *p*.	Organic Chemistry (Theory). XI. *t*.	Organic Chemistry (Practical). XI. *p*.	Geology. XII.	Mineralogy. XIII.	Human Physiology. XIV.	General Biology. XV.	Zoology. XVI.	Botany. XVII.	Principles of Mining. XVIII.	Metallurgy, Theory. XIX.	Metallurgy, Pract. XIX. *p*.	Navigation. XX.	Nautical Astronomy. XXI.	Steam. XXII.	Physiography. XXIII.	Principles of Agriculture. XXIV.	Hygiene. XXV.
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IRELAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Science.	I. Practical Plane & Solid Geometry.	II. Machine Construcⁿ & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	4 & 5.	6 & 7.	VIA. Theoretical Mechanics, Solids.
	ANTRIM—*cont.*													
	BALLYMENA—*cont.*													
16,305	Young Men's Christian Association, Wellington Street.	1894	J. Todd -	S. C. Taylor - ; J. Orr -	75	..	..	..	..	..	..	..	..	..
	BALLYMONEY:													
6344	*Town Hall, High Street.*	*1868*	*Rev. J. B. Armour.*	*J. Butler* - ; *W. Beare* -	..	*20*	..	..	..	..	*20*	..	..	*100*
	BELFAST:													
A6330	Government School of Science and Art, College Square North.	1870	W. H. Phillips	G. Trobridge - ; A. R. Baker - ; H. C. Morrow - ; D. Donaldson - ; R. Hamilton - ; A. Nicol - ; D. Gould - ; D. R. Stephenson -	480	100	80	30	50	..	..	..	..	..
6325	*Christian Schools, Divis Street.*	*1888*	*J. Burke* -	*Rev. T. P. Ryan* ; *Rev. E. P. Banks*	..	*40*	*20*	..	..	..	*40*	..	..	*20*
6341	*Christian Schools, 29, Crumlin Road.*	*1981*	„ -	*Rev. T. P. Ryan* ; *Rev. E P. Banks*	..	*10*	*10*	..	..	..	*10*	..	..	..
318	Model School, Divis Street, Falls Road.	1864	R. G. Watt -	E. Gregg - ; A. Harbison, B.A. ; J. Fleming, B.A. - ; J. Cuming - ; W. J. Fforde -	..	160	40	80	20	..	33	..	..	15
6320	Young Men's Christian Association, Mountpottinger Road.	1886	S. Nicholl -	W. B. Fulton - ; T. A. Gibson - ; W. Lane -	..	75	..	30	..	..	30	..	..	15
6329	Working Men's Institute, Castle Street and Queen Street.	1872	S. F. Milligan	R. Barklie - ; J. Moffatt - ; W. G. Hughes, B.A. - ; W. B. Fulton - ; W. McCune -	..	300	..	60	20	..	200	..	..	30
6363	*Church of Ireland Young Men's Society, Clarence Place Hall, May Street.*	*1878*	*W. Rodden* -	*T. A. Gibson* -	..	•	..	..	..	..	*10*	..	..	..
6394	Royal Academy, Cliftonville.	1883	W. J. Jackson	R. Gracey - -	100	..	..	..	..	..	..	..	..	..
6395	Royal Belfast Academical Institute, College Square.	1895	E. J. Dowdall	R. Macdonald, M.A., B.Sc. - ; F. Rountree, M.A. - -	..	75	..	..	..	..	36	..	..	•
	BELMONT:													
6373	National School - -	1879	W. Lowry -	H. A. Skillen - ; W. Brann -	..	10	..	..	..	..	7	..	..	..
	CARRICKFERGUS:													
6334	Model School, Belfast Road.	1861	D. Pasley -	S. Barber - -	..	30	..	..	..	..	20	..	..	..
	LARNE:													
6342	*Grammar School* -	*1865*	*J. Kennedy* -	*H. B. Morell* - ; *G. T. McLean* -	..	*20*	*10*	..	..	..	*20*	..	..	*10*
6343	Male National School, Main Street.	1865	A. Williams, J.P.	W. J. Crooks -	..	10	..	..	..	..	7	..	..	..
6343A	*National School, Meeting House Street.*	*1894*	„ -	*S. G. Taylor* -	*20*	..	..	..	..	..	..	..	..	..
	LISBURN:													
6351	Ulster Provincial School, Prospect Hill.	1873	F. Bell - -	C. Benington - ; T. Robson -	25	25	..	..	..	..	20	..	..	..
6354	National School, Ballymacbrennan.	1878	Rev. W. J. Warnock.	J. Deans - -	..	12	..	..	..	..	5	..	..	..

IRELAND.

Theoretical Mechanics, *Fluids*. VIb.	Applied Mechanics. VII.	Sound, Light, and Heat. VIII.	Sound. VIIIa.	Light. VIIIb.	Heat. VIIIc.	Alternative Physics. *A.*VIII. & IX.	Magnetism and Electricity. IX.	Inorganic Chemistry (Theory). X. *t*.	Inorganic Chemistry (Practl.). X. *p*.	Organic Chemistry (Theory). XI. *t*.	Organic Chemistry (Practical). XI. *p*.	Geology. XII.	Mineralogy. XIII.	Human Physiology. XIV.	General Biology. XV.	Zoology. XVI.	Botany. XVII.	Principles of Mining. XVIII.	Metallurgy, Theory. XIX.	Metallurgy, Pract. XIX. *p*.	Navigation. XX.	Nautical Astronomy. XXI.	Steam. XXII.	Physiography. XXIII.	Principles of Agriculture. XXIV.	Hygiene. XXV.
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IRELAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Science.	I. Practical Plane & Solid Geometry.	II. Machine Construcn & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	4 & 5.	6 & 7.	VIa. Theoretical Mechanics, *Solids.*
	ARMAGH.													
6403	ARMAGH: New Art Rooms, The Mall.	1878	J. Carleton	S. C. Taylor	30	*	*	..	..	..	..	..	..	..
6412	LURGAN: Model School, Brownlow Terrace.	1877	F. W. Magahan.	W. J. Keatly	..	14	..	..	..	..	14	..	..	14
6470	MILFORD: National School	1895	T. Montgomery.	J. Hamilton	..	24	..	..	..	..	..	..	..	..
6422	PORTADOWN: Edenderry National School.	1882	J. Acheson, J.P.	J. Bell	..	25	..	..	..	..	20	..	..	..
	CAVAN.													
6517	STRADONE: Larah Male National School.	1884	Very Rev. C. O'Reilly.	C. Leckey	..	10	..	..	..	..	6	..	..	..
	DONEGAL.													
6633	DONEGAL: Town Hall, Diamond	1888	G. E. McNeely	A. Galbraith	40	..	..	..	..	..	..	..	..	..
6606	LETTERKENNY: *Literary Institute, Main Street.*	*1888*	*E. McFadden*	*P. A. O'Doherty*	..	*30*	..	..	..	..	*30*	..	..	..
6607	Loretto Convent	1893	Mrs. M. A. Dillon.	M. A. O'Neill	25	..	..	..	..	..	..	..	..	..
6609	LIFFORD: Prior Endowed School, Main Street.	1886	Very Rev. Canon McClintock.	A. J. Gloster, B.A. A. L. Gloster	15	15	..	..	..	..	..	15	..	15
	DOWN.													
6712	ANAHILT: Endowed Free National School.	1876	Rev. J. N. Moorhead.	A. Clements, LL.D. J. G. Clements	..	10	..	..	..	..	10	..	..	5
6737	BALLYNAHINCH: *National School, Railway Street.*	*1880*	*Rev. R. G. Milling, B.D.*	*R. Bell*	..	*5*	..	..	..	..	*5*	..	..	..
6760	BANBRIDGE: Bannside Hall, Ballydown Road.	1895	J. Walker	W. H. Ewing	..	23	..	..	..	..	15	..	..	8

IRELAND.

Theoretical Mechanics, *Fluids*. VIb.	Applied Mechanics. VII.	Sound, Light, and Heat. VIII.	Sound. VIIIa.	Light. VIIIb.	Heat. VIIIc.	Alternative Physics. *A.* VIII. & IX.	Magnetism and Electricity. IX.	Inorganic Chemistry (Theory). X. *t.*	Inorganic Chemistry) Practl.) X. *p.*	Organic Chemistry (Theory). XI. *t.*	Organic Chemistry (Practical). XI. *p.*	Geology. XII.	Mineralogy. XIII.	Human Physiology. XIV.	General Biology. XV.	Zoology. XVI.	Botany. XVII.	Principles of Mining. XVIII.	Metallurgy, Theory. XIX.	Metallurgy, Pracl. XIX. *p.*	Navigation. XX.	Nautical Astronomy. XXI.	Steam. XXII.	Physiography. XXIII.	Principles of Agriculture. XXIV.	Hygiene. XXV.
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IRELAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Science.	I. Practical Plane & Solid Geometry.	II. Machine Construcⁿ & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	4 & 5.	6 & 7.	VIA. Theoretical Mechanics, *Solids.*
	DOWN—*cont.*													
	DROMORE:													
6746	Schoolroom, Rampart Street.	1886	J. Chambers -	S. Blackwood - R. L. Hunter -	12	12	12	..	..	..	10	..	..	..
	HOLYWOOD:													
6715	The Upper Sullivan School, High Street.	1862	Rev. J. Irwin, M.A.	R. Gracey - A. Speers, B.Sc. - N. F. Napier -	45	50	..	..	..	..	30	..	..	15
	MOIRA:													
6719	Brookfield Agricultural School.	1873	J. Swain -	W. W. Davidson -	..	10	..	..	..	..	..	..	..	..
	NEWRY:													
6721	*Christian Schools, Margaret Street.*	*1886*	*E. A. Byrne* -	*M. A. Dempsey* - *E. Fitzgerald, B.A.* -	*50*	*50*	..	..	..	..	*40*	..	..	..
6730	Intermediate School, Municipal Buildings.	—	Rev. W. Wylie	C. C. Edgar - W. Stoops, B.A. -	20	21	..	..	..	..	21	..	..	..
6733	Sacred Heart Convent of Mercy, Catherine Street.	1891	Sister M. P. Collins.	C. C. Edgar -	25	..	..	..	..	..	..	..	..	..
	REDHILL:													
6761	Lisnashanker National School.	1894	J. Chambers -	J. M. Cleland -	..	20	..	..	..	..	20	..	..	..
	FERMANAGH.													
	IRVINESTONE:													
6812	Castle Irvine National School, Church Street.	1879	Rev. W. J. Nicholson, M.A.	R. Wilson -	..	16	..	..	..	..	10	..	..	..
	LONDONDERRY.													
	COLERAINE:													
6906	*Model School* -	*1867*	*W. H. Caldwell, M.D.*	*D. Jack* -	..	*40*	..	..	..	..	*40*	..	..	..
6907	Honourable Irish Society's School, Beresford Place.	1880	T. Nevin -	C. M. Loughridge	..	25	..	..	..	..	10	..	..	..
	EGLINTON:													
6909	Carmoney, National School.	1878	Rev. S. Semple, M.A.	C. Clarke -	..	12	..	..	..	..	8	..	..	..
	LONDONDERRY:													
A6916	School of Science and Art, The Diamond, Shipquay Street.	1868	J. A. Williams	J. Hamer - A. Bartlam - G. Ayton -	300	90	35	15	20	..	..	..	..	..
6918	Male National School, Waterside.	1878	Rev. J. Gubbon	G. Conaghan -	..	20	..	..	..	..	20	..	..	..
6920	St. Columb's College, Bishop Street.	1882	F. Coghlan -	B. O'Kane -	..	16	..	..	..	..	16	..	..	..
6940	National School, Carlisle Road.	1883	—	W. Patterson -	..	30	..	..	..	..	20	..	..	..

IRELAND.

VIb. Theoretical Mechanics, *Fluids*.	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	VIIIa. Sound.	VIIIb. Light.	VIIIc. Heat.	*A.* VIII. & IX. Alternative Physics.	IX. Magnetism and Electricity.	X. *t.* Inorganic Chemistry (Theory).	X. *p.* Inorganic Chemistry (Pract.)	XI. *t.* Organic Chemistry (Theory).	XI. *p.* Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Human Physiology.	XV. General Biology.	XVI. Zoology.	XVII. Botany.	XVIII. Principles of Mining.	XIX. Metallurgy, Theory.	XIX. *p.* Metallurgy, Pract.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.	XXV. Hygiene.
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IRELAND.

School No.	School and Place.	Date of Establishment of School.	Secretary's Name.	Teacher's Name.	Total Number of Individual Students. Art.	Total Number of Individual Students. Science.	I. Practical Plane & Solid Geometry.	II. Machine Construcⁿ & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1,2,3.	V. Stages 4 & 5.	V. Stages 6 & 7.	VIA. Theoretical Mechanics, *Solids.*
	MONAGHAN.													
7055	MONAGHAN: *Collegiate School*	*1885*	*W. McWilliam.*	*J. H. M. Woods, B.A.*	..	*30*	*20*	..	..	..	*30*	..	..	..
	TYRONE.													
7136	FIVEMILETOWN: National School	1894	Rev. J. McManaway.	J. Hutton, B.A.	..	20	..	..	..	..	12	..	..	12
7123	OMAGH: Model School	1868	Rev. A. Babington.	J. Mulholland	..	40	..	..	..	..	16	..	..	..
	Total for Ireland				3681	5718	882	367	205	—	3340	98	15	812
	Total number of Classes in each subject (in the United Kingdom)				—	—	1193	657	568	40	1126	90	52	308
	*Total number of Students (in the United Kingdom)				132256	167822	30415	20505	12823	8431	40938	1067	373	5952
	2,889 Schools.													

* These totals are made up of *estimated* numbers merely.

IRELAND.

VIB. Theoretical Mechanics, *Fluids.*	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	VIIIA. Sound.	VIIIB. Light.	VIIIC. Heat.	A.VIII. & IX. Alternative Physics.	IX. Magnetism and Electricity.	X. *t.* Inorganic Chemistry (Theory).	X. *p.* Inorganic Chemistry (Practl.).	XI. *t.* Organic Chemistry (Theory).	*p.* Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Human Physiology.	XV. General Biology.	XVI. Zoology.	XVII. Botany.	XVIII. Principles of Mining.	XIX. Metallurgy, Theory.	XIX *p.* Metallurgy, Pract.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.	XXV. Hygiene.
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399	120	461	93	30	25	59	701	613	159	30	60	61	—	50	—	—	72	—	5	—	269	7	170	603	706	195
180	291	240	52	41	70	106	467	760	421	100	85	133	17	358	35	14	218	230	37	24	37	17	290	595	259	366
3153	8482	5881	749	578	1083	3819	12063	28084	16031	1592	1412	2431	182	10273	495	216	4959	5103	1024	688	1264	742	7537	10724	4678	10469

List of Proposed Organised Science Schools for the Session, 1895–96.

School Number.	Place.	School.	Date of Establishment as an Organised Science School.	Secretary.	Head Master or Mistress.	Day or Night School.	Probable Number of Students under Instruction. Day Schools.	Probable Number of Students under Instruction. Night Schools.
5703	Aberdeen	Robert Gordon's College, School Hill.	1888	T. Fotheringham	A. Ogilvie	Day	350	—
5703H	"	Grammar School	1894	T. Hector	H. F. M. Simpson	"	50	—
2009	Accrington	Municipal Technical School, Blackburn Road.	1895	J. Rhodes	H. Hills, B.Sc., B.A.	"	120	—
5725	Arbroath	High School, Keptie Road.	1895	W. Alexander	J. Ross, M.A.	"	38	—
901	Ashburton	Grammar School, St. Lawrence Lane.	1893	R. E. Tucker	J. Mortimer, B.A.	"	48	—
2021	Ashton-under-Lyne.	Albion Institute, Albion Street.	1887	J. Hanna	A. Park	"	56	—
4004	Axbridge	Sidcot School	1895	C. Burcham	E. Ashby	"	53	—
3810	Banbury	Municipal School, Marlborough Road.	1893	W. L. Whitehorn.	E. W. Symons, M.A.	"	32	—
2044	Barrow-in-Furness.	Higher Grade Board School, Duke Street.	1895	W. Hutchinson	J. Harris	"	130	—
1471	Basingstoke	Queen Mary's School, Worting Road.	1895	A. Lamb	Rev. J. H. Chadwick.	"	56	—
5125	Batley	Grammar School	1895	C. Gordon	Rev. L. R. Calvert, M.A.	"	82	—
1643	Berkhamsted (Great).	King Edward VI. Grammar School.	1895	J. B. McBride	T. C. Fry, D.D.	"	86	—
4767	Birmingham	Technical Science Sch., Bridge Street.	1893	G. B. Davis	E. J. Cox	"	108	—
4767A	"	Seventh Standard Board School, Waverley Road.	1893	"	H. K. Frew, B.Sc.	"	225	—
3606	Blyth	Higher Grade School, Beaconsfield Terrace.	1895	T. B. Hindmarch	J. L. Gibbons	"	50	—
2570	Bolton	Higher Grade Board School, Clarence Street.	1892	G. R. Rothwell	J. Thornton, M.A.	"	180	—
5138	Bradford	Grammar School, Manor Row.	1890	W. Brear	W. H. Keeling, M.A.	"	130	—
5150	"	Technical College, Great Horton Road.	1891	J. Nutter	J. Spencer, B.Sc.	"	220	—
4620	Brighton	Higher Grade Board School, York Place.	1886	J. Carden, jun.	E. B. Lethbridge and Miss A. M. North.	"	320	—
1307	Bristol	Merchant Venturers' Technical College, Unity Street.	1886	G. H. Pope	J. Wertheimer, B.Sc., B.A.	"	380	—
1317	"	Higher Grade and Technical School, St. George's.	1895	J. Welsh	—	"	70	—
4016A	Bruton	Sexey's Trade School	1895	W. Pearce	W. A. Knight, F.C.S.	"	50	—
3304	Burford	Grammar School, Church Green.	1895	H. G. Wood	H. F. Piggott	"	68	—
318	Cambridge	Perse Grammar School	1895	A. P. Dixon	H. C. Barnes-Lawrence.	"	36	—
1820	Canterbury	Simon Langton's School, Whitefriars.	1895	J. Plummer	W. P. Mann	"	70	—
7396	Cardiff	Higher Grade School	1892	D. Rees	J. Waugh, M.A.	"	242	—
1240	Chelmsford	King Edward's Grammar School, Broomfield Road.	1895	W. W. Duffield	F. W. Rogers	"	72	—
1367	Cheltenham	Grammar School, High Street.	1894	Major A. K. Abbott.	F. Style	"	40	—
405	Chester	School of Science and Art, Grosvenor Museum, Grosvenor Street.	1892	G. R. Griffith	J. A. McMichael, B.A.	"	55	—

School Number.	Place.	School.	Date of Establishment as an Organised Science School.	Secretary.	Head Master or Mistress.	Day or Night School.	Probable Number of Students under Instruction. Day Schools.	Night Schools.
703	Clay Cross -	Higher Grade and Technical School, Market Street.	1894	J. H. Unwin -	F. Cowling - -	Day	100	—
4761	Coventry -	Bablake School, Coundon Road.	1890	J. Herbert -	J. I. Bates - -	"	220	—
1178	Darlington -	Grammar School, Vane Terrace.	1894	J. Forster - -	P. Wood, M.A. -	"	100	—
705	Derby - -	Higher Grade Board School, Gerard Street.	1892	W. Cooper -	W. G. Constable, B.Sc., B.A.	"	207	—
818	Devonport -	Stoke Public Higher School, Keppel Street.	1894	C. Mills - -	A. J. Rider - -	"	40	—
5232	Doncaster	Grammar School, Thorne Road.	1895	J. G. Nicholson	T. Storrs, M.A. -	"	31	—
730	Dronfield -	Grammar School -	1895	J. R. Johnson -	C. C. Baggaley, B.A.	"	32	—
5804	Falkirk -	High School, Park Street.	1890	T. Gibson -	H. Campbell -	"	25	—
4447	Farnham -	Grammar School, 25, West Street.	1894	E. Kempson -	C. Stroud - -	"	35	—
11,116A	Gateshead -	Higher Grade School, Whitehall Road.	1886	E. J. Harding -	J. Bidgood, B.Sc. -	"	242	—
5976	Glasgow -	Glasgow and West of Scotland Technical College, Allan Glen's School.	1895	J. Young - -	J. G. Kerr, M.A. -	"	406	—
1285	Grays - -	Palmer's Endowed School for Boys.	1895	T. A. Capron -	G. H. Silverwood, M.A., LL.B.	"	45	—
1285A	" - -	Palmer's Endowed School for Girls.	1895	" -	Mrs. H. Beck -	"	24	—
5533	Halifax - -	Higher Board School, Prescott Street.	1886	W. H. Ostler -	W. Dyche, B.A. -	"	245	—
4221	Hanley - -	Higher Grade Board School, Old Hall Street.	1894	A. Smith - -	F. B. Gill, B.A. -	"	130	—
11,147	Hartlepool, West.	Upper Grade Board School, Park Road.	1893	J. Robson Smith.	J. Vickers, B.A. -	"	55	—
743	Heanor - -	District Technical School, Heanor Hall, Wilmot Street.	1893	H. Grassby -	R. Stoddard, B.Sc.	"	84	—
5480	Hebden Bridge.	Central Board School, Market Street.	1893	J. Whitehead -	C. E. Cox - -	"	21	—
5222	Hipperholme	Grammar School -	1893	D. McL. Brown	H. Hancock, M.A.	"	55	—
4639	Horsham -	Grammar School, Hurst Road.	1895	F. W. Butler -	Rev. G. A. Thompson, M.A., LL.D.	"	29	—
5254	Huddersfield	Technical School, Queen Street, South.	1894	T. Thorp - -	G. S. Turpin, M.A., D.Sc.	"	96	—
5258A	" -	College Higher Grade School, New North Road.	1894	G. Gaunt - -	R. Montgomery, B.A.	"	202	—
5266A	Hull - -	Higher Grade School, Craven Street.	1894	W. Brook - -	H. Sheppard -	"	100	—
5280	" - -	Central Higher Grade Board School, Brunswick Avenue.	1891	" - -	J. W. Smith, B.A.	"	240	—
7666	Inverness -	Royal Academy, Stephen Street.	1895	W. Anderson -	W. J. Watson -	"	27	—
1157	Jarrow - on - Tyne.	Higher Grade Board School, Birch Street.	1887	G. Mason - -	E. F. Price - -	"	171	—
5296	Keighley -	Technical Institute, North Street.	1873	A. L. Denby -	D. Barrett - -	"	90	—
5878	Kilmarnock -	Academy, North Hamilton Street.	1893	J. Pollock Stevenson.	H. Dickie, LL.D., B.A.	"	240	—
3454	King's Lynn	Technical School, London Road.	1893	H. Barrett -	J. H. Haigh -	"	92	—
15,106	Leeds -	Central Higher Grade School, Rossington Street, Woodhouse Lane.	1886	W. Packer -	D. Forsyth M.A., D.Sc.	"	626	—
5561	" - -	Higher Grade Board School, Bewerley Street.	1893	" -	I. J. Green - -	"	120	—

School Number.	Place.	School.	Date of Establishment as an Organised Science School.	Secretary.	Head Master or Mistress.	Day or Night School.	Probable Number of Students under Instruction. Day Schools.	Night Schools.
5316	Leeds	Mechanics' Institute, Cookridge Street.	1885	J. O. Dayson	W. H. Barber, B.A.	Day	142	—
2612	Leicester	Alderman Newton's Higher Grade Sch., St. Martin's.	1891	W. L. Salusbury	J. W. Muston, M.A.	"	140	—
2618	"	Wyggeston Boys' School, High Cross Street.	1894	A. H. Burgess	J. Went, M.A.	"	289	—
5896B	Leith	Public School, Craighall Road.	1894	R. Hardie	T. Trotter	"	135	—
2737 2739	Lincoln	School of Science and Art, Monks Road, and Christ's Hospital Buildings.	1895	R. C. Hallowes	W. Birkett and A. E. Collis.	"	109	—
2202N	Liverpool	Board School, Brae Street.	1893	E. M. Hance	R. Nixon, B.A.	"	268	—
2213	"	Liverpool Institute, Mount Street.	1895	H. Whalley	A. Hughes	"	350	—
2511	"	College, Shaw Street	1893	G. H. Dayson	H. B. Gibbons, M.A.	"	133	—
7397	Llanelly	Higher Grade School, Coleshill Terrace.	1892	J. Jennings	J. E. Jones	"	59	—
	LONDON:							
4405	Battersea	Polytechnic Institute, Battersea Park Road.	1894	S. H. Wells	S. H. Wells	"	100	—
2811	Bethnal Green.	Parmiter's School, Approach Road.	1892	R. Voss	R. P. Scott, M.A., LL.D.	"	110	—
2827	Bishopsgate	Central Foundation Girls' School, Spital Square.	1895	W. Houston	Mrs. E. Stanton	"	150	—
2865	Chelsea	St. Mark's College, Upper School, Fulham Road.	1895	J. Appleton	C. S. Dawes	"	115	—
3215	"	South-West London, Polytechnic Institute, Manresa Road.	1895	H. B. Harper	E. H. Pritchard	"	75	—
2828	City Road	Central Foundation Boys' School, Cowper Street.	1895	W. Houston	R. Wormell, M.A.	"	215	—
1833	Deptford	Addey's Science, Art, and Technical School, Church Street.	1890	W. R. Kersey	W. Ping	"	101	—
4550	Dulwich	Alleyn's School, Townley Road.	1894	J. Watchurst	J. H. Smith, B.A.	"	100	—
2903	Goswell Road	St. Thomas' Charterhouse.	1895	M. Chapman	C. Smith	"	34	—
2928	Haverstock Hill.	William Ellis School, Gospel Oak.	1894	H. Ellis	E. B. Cumberland, B.A., B.Sc.	"	90	—
3201	Leicester Square.	Archbishop Tenison's School.	1895	C. J. L. Eames	J. F. Arnold	"	80	—
3010	Marylebone	Central Higher Grade Schools, 63–4, High Street.	1895	G. H. Woolley	L. C. Brooke	"	90	—
3025	Mile End	People's Palace, Mile End Road.	1889	W. P. Sawyer	D. A. Low	"	400	—
4467	Peckham	Technical School, Asylum Road.	1879	D. D. Mercer	J. Faulkner	"	80	—
7202M	Plumstead	Board School, Bloomfield Road.	1893	A. Hughes	J. Spencer	"	121	—
3081	Queen's Park	Queen's Park Institute, Harrow Road.	1894	J. Spink	G. R. Parkinson, M.A.	"	110	—
3169	Regent Street	Polytechnic, Young Men's Christian Institute, 309, Regent Street.	1887	R. Mitchell	H. Spooner, C.E.	"	160	—
7202P	St. Pancras	Board School, Medburn Street.	1892	A. Hughes	W. Smith	"	108	—
4476	Wandsworth	Technical Institute, High Street.	1895	W. K. Curtis	W. T. A. Emtage, M.A.	"	40	—
4594	Westminster Bridge Rd.	Yorkshire Society's School.	1894	J. Wilkinson	J. R. Phillips	"	28	—

School Number.	Place.	School.	Date of Establishment as an Organised Science School.	Secretary.	Head Master or Mistress.	Day or Night School.	Probable Number of Students under Instruction.	
							Day Schools.	Night Schools.
2649	Loughborough	Grammar School, Burton Walks.	1895	W. E. Woolley -	C. W. Kaye - -	Day	50	—
2264	Manchester -	Central Higher Grade Board School, Deansgate.	1885	C. H. Wyatt -	J. Scotson - -	"	449	—
2270	" -	Higher Grade Board School, Devonshire Street, Ardwick.	1885	" -	G. H. Major -	"	50	—
2289A	" -	Board School, Birley Street, Beswick.	1894	" -	C. Powell - -	"	86	—
2299	" -	Board School, Ducie Avenue, Greenheys.	1885	" -	G. Hutton - -	"	110	—
2533	" -	Higher Grade Board School, Heath Street, Cheetham.	1894	" -	R. Race - -	"	100	—
3750	Mansfield -	Queen Elizabeth's Grammar School, Chesterfield Road.	1892	W. Bryan - -	E. Johnson - -	"	31	—
3751	" -	Brunt's Technical School, Woodhouse Road.	1895	W. N. Sarle -	C. E. Stacey - -	"	45	—
2632	Market Bosworth.	Grammar School -	1894	Rev. J. Craig -	Rev. L. H. Pearson, B.A.	"	20	—
4586	Merton -	Rutlish School -	1895	J. King - -	C. H. Draper -	"	22	—
5587	Middlesbrough	The High School -	1888	R. L. Kirby -	J. Sewell, B.A. -	"	107	—
2309	Nelson -	Municipal Technical School, Market Street.	1895	R. M. Prescott -	N. H. Foster -	"	60	—
3638	Newcastle-on-Tyne.	St. Cuthbert's Grammar School, Bath Lane.	1894	Rev. H. F. Berry	—	"	41	—
3650	" -	Rutherford College, Bath Lane.	1878	H. C. Smith -	A. M. Ellis - -	"	345	—
3650A	" -	Heaton Branch School of Science and Art, North View.	1886	" -	L. J. Goudy -	"	105	—
739	New Mills -	Board School, Spring Bank.	1890	E. Godward -	J. A. Nichols -	"	51	—
3415	Norwich -	Higher Grade School, Duke Street.	1892	S. Cozens Hardy.	A. R. Golden, B.A.	"	110	—
3719	Nottingham -	Higher Grade Board School, Queen's Walk.	1891	W. J. Abel -	J. Jones - -	"	65	—
3722	" -	High Pavement, Higher Grade Board School, Stanley Road.	1895	" -	W. Hugh - -	"	102	—
3761	" -	Higher Grade Board School, Huntingdon Street.	1895	" -	E. W. Hemming -	"	109	—
3769	" -	People's College, College Street.	1895	" -	E. Francis, F.C.S.	"	176	—
2324	Oldham -	Waterloo Higher Grade Board School, Hardy Street.	1892	J. Rennie - -	A. Smith - -	"	208	—
3827	Oxford - -	City Science School, New Inn Hall Street.	1895	J. H. Salter -	H. A. Liddell, B.A.	"	50	—
5915	Paisley - -	Grammar School and Academy, Oakshaw Street.	1894	W. Hutchinson	J. Stirling, M.A. -	"	37	—
2358	Pendleton -	Higher Grade Board School, Gardner Street.	1889	O. Duthie - -	J. Moss - -	"	70	—
5916	Perth - -	The Academy, Rose Terrace.	1892	P. Martin - -	R. McRea Chambers, M.A.	"	160	—
7672	" - -	Sharp's Institute, Methven Street.	1885	G. A. Mackenzie	J. Alexander -	"	110	—
1467A	Petersfield -	Churchers College, London Road.	1895	W. C. Burley -	W. H. Bond, M.A.	"	42	—
879	Plymouth -	Higher Grade Board School, Mount St.	1895	E. C. Cook -	W. L. Cocks - -	"	70	—
953	" -	Science, Art, and Technical Schools, Tavistock Road. Street.	1892	T. W. Byfield -	J. T. Dunn, D.Sc.	"	30	—

School Number.	Place.	School.	Date of Establishment as an Organised Science School.	Secretary.	Head Master or Mistress.	Day or Night School.	Probable Number of Students under Instruction: Day Schools.	Night Schools.
1432	Portsmouth -	Higher Grade Board School.	1894	J. J. Bascombe	E. Walker, B.Sc.	Day	106	—
5525	Rastrick -	Grammar School, Ogden Lane.	1895	W. H. Hodgson	Rev. E. Norman Langham, M.A., F.C.S.	"	25	—
2403	Rochdale -	Central Board School,	1894	G. H. Wheeler -	J. Mack - -	"	196	—
1892	Rochester -	Mathematical School, High Street.	1895	A. A. Arnold -	C. Bird - - -	"	120	—
7823	St. Andrew's	Madras College, South Street.	1895	C. S. Grace -	J. McKenzie, M.A.	"	37	—
2427	Salford -	Higher Grade School, Woodbine Street.	1892	J. Roberts -	A. Frow - -	"	40	—
2430A	- -	Grecian Street School, Lower Broughton.	1890	O. Duthie - -	W. H. Holloway -	"	70	—
2430D	" - -	Central Higher Grade Board School, Chapel Street.	1895	" - -	J. Strachan, M.A.	"	120	—
4916	Salisbury -	The Bishop's Organized Science School, Exeter Street.	1892	W. A. Crokat -	R. Bracher - -	"	65	—
15,102	Sheffield -	Technical School, St. George's Square.	1890	W. Swift - -	W. Ripper - -	"	60	—
5436	" -	Central Higher Board School, Leopold Street.	1886	J. F. Moss -	J. E. Taylor, M.A., B.Sc.	"	100	—
1419	Southampton	Taunton's Trade School, New Road.	1893	J. G. A. Hatherly.	S. J. Grubb, B.A.	"	131	—
1243	Southend -	Technical School, Clarence Road.	1895	J. C. T. Hemmann, B.A.	J. Hitchcock -	"	40	—
1125A	South Shields	Higher Grade Board School, Westoe Road.	1891	A. E. Leete -	A. Scott, B.A. -	"	355	—
1135	" " -	St. John's Higher Grade School, St. John's Terrace.	1888	A. D. Reid -	R. Davidson -	"	45	—
445	Stockport -	Technical School, Wellington Road, South.	1890	R. Gray - -	R. J. Brown, M.Sc.	"	93	—
11,121	Stockton -	Blue Coat Schools, Norton Road	1895	F. Brown - -	E. J. Vie, B.A. -	"	30	—
1213	Stratford -	Carpenter's Institute, Jupp Road.	1892	S. W. Preston -	Rev. G. Towner -	"	150	—
1117	Sunderland -	Boys' Higher Grade School, Grange Road.	1890	T. W. Bryers -	G. T. Ferguson, B.A.	"	128	—
7347	Swansea -	Central Higher Grade Girls' School, Trinity Place.	1895	A. W. Halden -	Mrs. E. F. Phipps, B.A.	"	50	—
7370	" -	Central Higher Grade Board School, Dynevor Place.	1892	" -	S. Roberts, B.A. -	"	100	—
1458	Todmorden -	Roomfield Senior Boys' School,	1893	J. Whitehead -	T. Bates - -	"	42	—
3206M	Tottenham -	Bruce Grove School, Sperling Road.	1895	J. F. Adams -	W. T. Boone, B.Sc.	"	25	—
923	Totnes - -	Grammar School -	1895	E. Windeatt -	Rev. H. A. Hall, M.A.	"	24	—
188	Walsall - -	Fore Street School of Science and Art, Victoria Institute, Bradford Place.	1891	C. Keyte - -	W. F. Blay - -	"	110	—
242	Walthamstow	Monoux Grammar Sch., High Street.	1892	T. S. Taylor -	H. A. Allpass, B.A.	"	64	—
1629	Watford - -	Endowed Schools, Derby Road.	1893	H. M. Turner -	W. R. Carter, B.A.	"	72	—
4223	Wolverhampton.	Higher Grade Board School, Newhampton Road.	1894	W. H. Hewitt -	J. West, B.A. - -	"	108	—

List of Whitworth Scholars.

Name.	Name.
1869.	Elgood, Thomas S.
	Greenhill, George A.
	Brittle, John R.
Greenwood, William H.	Philips, Thomas W.
	Sennett, Richard.
Hearson Thomas A.	Buckley, Robert B.
Hopkinson, John, B.Sc.	Purvis, Frank P.

Name.	Address.
1870.	
Students' Competition.	
Garnett, William	London.
Taylor, James	Oldham.
Griffiths, John A.	Middleton.
McCann, Hugh W.	Liverpool.
Perry, John	Belfast.
Workmen's Competition.	
Tomkins, Edward	Manchester.
Dodgson, William	Manchester.
Salter, Frank	Leamington.
Hall, William S.	Nottingham.
Dyer, Henry	Glasgow.
1871.	
Mondy, Edmund F.	Rotherhithe.
Anglin, Samuel	Manchester.
Smith, George	Birmingham.
Yeo, John	Portsmouth.
Greenhill, Henry H.	Portsea.
Armitage, John	Oldham.
Lee, William	London.
Kirkby, Samuel A.	Cambridge.
Raworth, Benjamin A.	Manchester.
Holmes, George C. V.	Sydenham.
1872.	
*Smith, Robert H.	Edinburgh.
*Seaton, Albert E.	Hull.
Sutcliffe, George W.	Bacup.
Jefferson, John C.	Leeds.
Willis, Henry G.	Trimley, near Ipswich.
Millington, Fred. H.	Worsley, near Manchester.
Field, Edwin G.	Wolverton.
Coey, Robert	Belfast.
Fell, John C.	London.
†Firkin, William	Crewe.
1873.	
Dixon, Samuel	Manchester.
Atkinson, Roger	Crewe.
Ainscow, Joseph	Crewe.
Bousfield, W. R.	Cambridge.
Warren, William H.	Wolverton.
Barber, William	Nottingham.
Fowler, William H.	Oldham.
Sugden, Thomas	Oldham.
Bullock, Cyrus	Worsley, near Manchester.
Lockie, John	Glasgow.
1874.	
Martin, William	Wolverton.
Sloan, Robert A.	Birkenhead.
Sisson, William	Gateshead.
Stubbs, Frederick	Derby.
Daltry, Thomas L.	Newcastle-on-Tyne.
‡Livens, Frederick H.	Gainsborough.
1875.	
Harrison, Joseph	Hyde.
Goodwin, George	London.
Alldred, John	Wolverton.
Garside, Franklin	Oldham.
Dick, Frank W.	Glasgow.
Poole, Joseph	Dudley.
§Muckley, James	Crewe.
1876.	
Shaw, Henry S. H.	Bristol.
Greenhalgh, Robert	Atherton, near Manchester.
‖Ryan, John	Newport, Monmouthshire.
Williams, William H.	Swindon.
Wright, John W. B.	Hull.
Nichols, Jerdan	Over Darwen.
1877.	
Last, William I.	London.
Ogden, Fred.	Oldham.
How, William F.	London.
McKenzie, William S.	Aberdeen.
Ottewell, Alfred D.	Derby.
Low, David A.	Dundee.
§Quiggin, Daniel A.	Liverpool.
1878.	
Mather, Thomas	Preston.
Groves, William	Crewe.
Tozer, William H.	Exeter.
Kingdon, Zachary H.	Manchester.
Duckworth, Thomas	Liverpool.
Needham, Joseph E.	Oldham.
1879.	
Hardisty, John	Manchester.
Harrison, George	Oldham.
Shaw, Edward	Bristol.
Simpson, John A.	Birkenhead.
Geddes, John W.	Oldham.
Harris, Sydney J.	Crewe.
Sackfield, Thomas E.	Crewe.
Brodie, John A.	Liverpool.

* Resigned in 1874. † Died in 1872. ‡ Resigned in 1875.
§ Appointed for two years only to fill a vacancy. ‖ Resigned in 1877.

Name.	Address.	Value of Scholarships awarded.
1880.		£
Jones, Arthur L.	Carnarvon	150
Angwin, Benjamin	St. Just	150
Cockey, Fred. R. G.	Frome	100
Whittaker, Christopher J.	Accrington	100
Tilbrooke, William J.	London	100
McKenzie, J. W.	Dublin	100
Potter, William H.	Nottingham	100
Frankish, Albert	Manchester	100
Simons, Charles	Dublin	100
1881.		£
Lousley, Ernest	Wallingford	200
Sutton, Alfred	Brighton	150
Grace, Robert W.	Liverpool	150
Sharp, Archibald	Glasgow	150
= { Wild, Arthur E.	Crewe	125
= { Jordan, Henry G.	Manchester	125
Murphy, Edward	Liverpool	100
Parry-Jones, Richard.	Carnarvon	100
Richardson, Samuel	Greenwich	100
Barendt, Arthur H.	Liverpool	100
Herbert, Charles	Oldham	100
Davies, Edward J. M.	Bristol	100
Platt, Travis	Oldham	100
Savage, William	Crewe	100
Tyson, John	Liverpool	100
Hadcock Albert G.	Woolwich	100
Martin, William	Brighton	100
1882.		
Webster, Charles	Crewe	200
Tomlinson, John H.	Newcastle-on-Tyne.	150
Beaman, James M.	Woolwich	150
Turner, Thomas	Sheffield	150
Selman, D. Codrington.	Bristol	150
Outon, Charles B.	Stratford	150
Banister, George H.	Woolwich	150
Lane, Frederick	Woolwich	150
Laird, William D.	Crewe	150
Parry, Joseph	Manchester	100
Ravenshear, Albert F.	London	100
Carter, Charles W.	Liverpool	100
Barrow, Alfred	London	100
King, Henry C.	Swindon	100
Douglas, Malcolm	Crewe	100
Gardner, Thomas H.	Manchester	100
Haine, Ernest E.	London	100
Halliday, George	Glasgow	100
Buckwell, George W.	Brighton	100
Cochrane, Louis H.	Liverpool	100
Duncanson, William.	Stratford	100
Brown, Henry	Dudley	100
Hatch, William T.	Liverpool	100
Carlyle, Thomas	Woolwich	100
Hill, Alfred J.	Stratford	100
1883.		£
Hamilton, James	Birmingham	200
Dalby, William E.	London	150
Barnes, John L.	Liverpool	150
Mackenzie, Thomas K.	Dublin	150
Sumner, William	Manchester	150
Dodd, Frank W.	London	150
Pickworth, Charles N.	London	150
Kitton, Henry E.	London	150
Layzell, James	Brighton	150
Meteyard, Horace W.	Hampton	100
Ormsby, Alfred S.	Glasgow	100
Abell, William P.	Hinckley	100
Bevis, Alfred W.	Worcester Park, Sur.	100
Aston, John W.	Birmingham	100
Mackett, Alfred E.	Sheerness	100
Whitehead, Victor F.	Manchester	100
Lang, Charles	Johnstone	100
Bradshaw, James	Manchester	100
Joshua, Alfred J.	Gateshead-on-Tyne.	100
Rogerson, William A.	Dublin	100
Donohue, William E.	Portsmouth	100
Case, Albert H.	London	100
Shannon, Alexander	Liverpool	100
Bullimore, Mark R.	Manchester	100
Bean, John S.	Crewe	100
1884.		
Stanfield, Richard	Manchester	200
Sackfield, William	Crewe	150
Denning, Tom H.	Crewe	150
Reeves, John	Crewe	150
Griffiths, André P.	Ebbw Vale (Mon.).	150
North, Richard	Manchester	150
Coates, George	Full Sutton near York.	150
Shaw, Andrew C.	Glasgow	150
Reid, J. Kerr	Glasgow	150
Clark, Robert L.	Plumstead	100
Kemp, John	Glasgow	100
Peace, Thomas A.	Manchester	100
Shaw, George H.	London	100
Wolstencroft, Albert E.	Oldham	100
Crombie, William A. E.	Glasgow	100
Sharp, John	Glasgow	100
Burstall, Henry J. R.	London	100
Baggs, Edwin	Bristol	100
Caiger, William J.	London	100
Gardner, Edward	Manchester	100
Nixon, James	Newcastle-on-Tyne.	100
Dougan, John	Glasgow	100
Gregson, Herbert B.	Sidcup	100
Tasker, James	Accrington	100
Brown, Frank	Plumstead	100
1885.		
Clarkson, Thomas	Manchester	200
Bennie, Hugh O.	Glasgow	150
Unsworth, Robert H.	Pendleton, near Manchester.	150

Name.	Address.	Value of Scholarships awarded.
		£
Martin, Harold M.	Gateshead	150
= Calderwood, William T.	Glasgow	150
= Richards, John	Cardiff	150
Dolby, Ernest R.	Leeds	150
Rorison, James	Paisley	150
Moulton, Arthur J.	Preston	150
McNeill, William	Birmingham	100
Moreton, George W.	Crewe	100
Mallinson, Stephen E.	London	100
Jenkins, Henry C.	London	100
Smith, Robert	Glasgow	100
Nash, Thomas W.	London	100
Burstall, Henry F. W.	London	100
Stopher, Arthur J.	Nottingham	100
Wells, Sidney H.	London	100
Milnes, George	Charlton, Kent.	100
Begbey, Henry	Old Charlton, Kent.	100
Goodman, John	Brighton	100
Crummie, Mark H.	Hull	100
Marsh, Oliver	Crewe	100
Galbraith, Thomas	Manchester	100
Bowles, Joseph H.	Stratford	100
1886.		
Gilbert, C. Humphrey.	Nottingham	200
Holt, Robert	Liverpool	150
Chorley, Richard	Manchester	150
McIntyre, John Henry A.	Glasgow	150
Borrowman, William C.	Glasgow	150
Murray, Thomas R.	Galashiels (formerly of Stafford).	150
Nicolson, John T.	Newcastle-on-Tyne.	150
Woolliscroft, George William.	London (formerly of Crewe).	150
Brown, James	Glasgow	150
Wallis, Robert	Newcastle-on-Tyne.	100
Ferrier, Robert Muir.	Ardrossan	100
Creak, Robert Brown.	Crewe	100
Wilson, Ernest	Leeds	100
Padmore, Edward S.	Birmingham	100
Watkinson, William H.	Glasgow	100
Johnston, Robert	London	100
Malcomson, James W.	Woolwich	100
Shoosmith, Harry	London	100
Codling, Edwin	Newcastle-on-Tyne.	100
Day, Charles	Stockport	100
Hyde, Charles	Ebbw Vale.	100
Etchells, Alfred	Hyde	100
Berry, William	Glasgow	100
Kemp, Daniel	Glasgow	100
Follows, George Herbert.	Manchester	100
1887.		
Whitaker, James	Burnley	200
Calder, John	Glasgow	150
Smith, John	Belfast	150
Turnbull, Nicholas K.	Glasgow	150

Name.	Address.	Value of Scholarships awarded.
		£
Talbot, James C.	Southampton	150
Horne, Arthur F.	Moreton-in-Marsh (formerly of Glasgow).	150
Duff, Edward J.	Glasgow	150
Blackburn, Robert N.	Liverpool	150
Thomson, William	Glasgow	150
Pullen, William W. F.	Cardiff	100
Griffith, Edwin	Glasgow	100
Tipler, Frederick C.	Crewe.	100
Bonell, Thomas H. M.	Swindon	100
= Redding, Richard J.	Plumstead (Woolwich).	100
= Sisson, Arthur W.	Lincoln	100
Abbott, Arthur H.	Great Yarmouth.	100
Hough, George	Wolverton.	100
Christ, Harry G.	London	100
Griffiths, Harry D.	Cardiff	100
Young, Denholm	Edinburgh.	100
Oxford, Benjamin G.	Liverpool	100
Crookes, Bernhard H.	Liverpool	100
Wells, George J.	London	100
Eustice, John	Camborne	100
Bratt, Augustus H. H.	Plumstead (Woolwich).	100

Name.	Address.	Value of Scholarships and Exhibitions awarded.
1888.		
1. Scholars (elected for three years).		
		£
Whitaker, James	Nelson, Lancashire.	125 a year each.
Mair, James	Glasgow	
Gilbert, C. Humphrey.	Nottingham	
Calder, John	Glasgow	
2. Exhibitioners (elected for one year.)		
Bamford, Harry	Oldham	100
Harbottle, John	Newcastle-on-Tyne.	100
Taylor, John	Glasgow	100
Dalglish, John	Paisley	100
Younger, Archibald S.	North Shields.	100
Butterworth, Joseph	Rochdale	100
Burls, George A.	Greenwich	100
Kilby, Charles H.	Crewe	100
Pinder, Charles R.	Bristol	100
Dumas, Robert	Glasgow	100
Heath, Charles L. E.	Devonport	100
Forbes, Charles	Glasgow	100
Young, Benjamin	Belfast	100

Name.	Address.	Value of Scholarships and Exhibitions awarded.
		£
Terry, Edward Y.	Devonport	100
Collins, William J.	Woolwich	100
Jenkins, John H. B.	New Swindon.	100
Fraser, John I.	Glasgow	100
Cheshire, Henry E.	Crewe	100
Brown, Oscar	Plumstead	100
Elliott, Henry	Glasgow	100
Binfield, James H.	Preston	50
Wheeler, George U.	London	50
Day, William	Wolverton	50
Lea, Samuel	Crewe	50
Parry, Evan	Bangor	50
Mein, Thomas O.	Stratford, E.	50
Conner, Benjamin	Glasgow	50
Bourne, Thomas J.	Tunbridge Wells.	50
Ravenscroft, George	Crewe	50
Parkinson, Thomas F.	Bury, Lancashire.	50
1889.		
1. Scholarships (tenable for three years).		
Buchanan, William	Coatbridge, N.B.	125 a year each.
Smith, Reginald T.	Newcastle-on-Tyne.	125 a year each.
Harbottle, John	Newcastle-on-Tyne.	125 a year each.
Holt, Robert	Liverpool	125 a year each.
2. Exhibitions (tenable for one year).		
Coker, Ernest G.	Wolverton	100
Legros, Lucien A.	London	100
Freeman, Oliver	Portsmouth	100
Dewhurst, Charles B.	Oldham	100
Smith, William S.	Nottingham	100
Paul, Denis	Woolwich	100
Gilbert, William	Lincoln	100
Stewart, Philip S.	Glasgow	100
Burdon, John	Bellshill, N.B.	100
Rees, Ernest W.	Carnarvon	100
Platt, William N.	Crewe	50
Dean, Frederic W.C.	Woolwich	50
Stratton, James	Bootle (near Liverpool).	50
Greenshields, F. S.	London	50
Weekes, Robert W.	Newcastle-on-Tyne.	50
Bryson, John J.	Newcastle-on-Tyne.	50
Collacott, John R.	Devonport	50
Clark, Herbert A.	Crewe	50
Rowland, William	Liverpool	50
Twinberrow, James D.	Sheffield	50
Boulden, Frederick	Devonport	50
Shore, Benjamin	Oldham	50
Harper, Benjamin	Newcastle-on-Tyne.	50
Atherton, William H.	Manchester	50
Keay, Robert D.	Sunderland	50
McCormick, Shepherd J.	Brighton	50
Walker, William G.	Nottingham	50
Longbottom, John G.	Keighley	50
McEwen, Henry	Glasgow	50
Nicolson, Gilbert C.	Newcastle-on-Tyne.	50
1890.		
1. Scholarships (tenable for three years).		£
Forbes, Charles	Glasgow	125 a year each.
Coker, Ernest G.	Wolverton	125 a year each.
Gilbert, William	Lincoln	125 a year each.
Heath, Charles L. E.	Ford, Devonport.	125 a year each.
2. Exhibitions (tenable for one year).		
Bruce, Robert A.	Bristol	50
Jones, Thomas G.	Manchester	50
Rennie, William G.	Edinburgh	50
Butler, Thomas C.	Plumstead, Kent.	50
Griffiths, Louis F.	Manchester	50
Ker, John S.	Edinburgh	50
Petheram, Edward J.	Swindon	50
King, Ernest	London	50
Collis, Alfred E.	Lincoln	50
Russell, Frederick V.	Stratford	50
Whiteley, Samuel S.	Barrow-on-Soar, Loughborough.	50
Marsh, Walter T. G.	Newport, Mon.	50
Easthope, Alfred E.	Oldham	50
Verney, Harry	Bristol	50
Stanton, Thomas E.	Manchester	50
Lea, Measham	Crewe	50
Brown, David	Glasgow	50
Page, Sydney E.	Erith, Kent	50
Rieley, John T.	Birmingham	50
Lark, William J.	Devonport	50
Smith, James H.	Manchester	50
Hodges, G. W.	Plumstead, Kent.	50
Mort, William	Glasgow	50
Curtois, Harry	Birmingham	50
Buckeridge, Charles J.	Plumstead, Kent.	50
Shipman, Henry J.	Plumstead, Kent.	50
Draycott, George E.	Bow (London).	50
Smith, John E.	Crewe	50
Robson, William H.	Swindon	50
Pemberton, John B.	Liverpool	50
1891.		
1. Scholarships (tenable for three years).		
Weekes, Robert W.	London	125 a year each.
Rennie, William G.	Edinburgh	125 a year each.
Jones, Thomas G.	Manchester	125 a year each.
Pretty, William H.	Cardiff	125 a year each.
2. Exhibitions (tenable for one year).		
King-Salter, Julian J.	Greenwich	50
Martineau, Louis	London	50
Cullen, Harold R.	Manchester	50
Hossack, Frederic	Manchester	50

Name.	Address.	Value of Scholarships and Exhibitions awarded.
		£
Lelean, William A.	New Swindon.	50
Nixon, William F.	Loughborough.	50
Chambers, John	Motherwell, N.B.	50
Kershaw, Joseph W.	Oldham	50
Gadsby, Charles H.	Lough borough.	50
Lea, Frederick Charles.	Crewe	50
White, George Thomas.	London	50
Gibson, Joseph H.	Liverpool	50
Fowler, Henry	Horwich, Lancashire.	50
Malpas, Arthur E.	Portsmouth	50
Hall, James	Manchester	50
Lilly, Walter E.	Brockley, S.E.	50
Jefcoat, Charles (junr.).	Wednesfield, near Wolverhampton.	50
Vernon, Percy V.	Manchester	50
Armstrong, George E.	Oldham	50
DeVille, Martin	London	50
Cabena, Richard H.	Paisley, N.B.	50
Dodridge, Frederick	Devonport	50
Ward, Alfred J.	London	50
Tubbs, William E.	Wolverton	50
Norwell, Alexander	Glasgow	50
Baxendale, Richard	Crewe	50
Amor, Walter	Charlton, Kent.	50
Bouts, Thomas	London	50
Meyer, Alfred	Liverpool	50
Anderson, John W.	Liverpool	50
1892.		
1. Scholarships (tenable for three years).		
Bruce, Robert A.	Bristol	125 a year each.
Gadsby, Charles H.	Loughborough.	
Clark, Herbert A.	Crewe	
Freeman, Oliver	Portsmouth	
2. Exhibitions (tenable for one year).		
Matthews, Samuel	Devonport	50
Duncan, John	Glasgow	50
Darling, Charles R	Crewe	50
Hamilton, William	Glasgow	50
Davidge, Henry T.	London	50
Japp, Henry	Dundee	50
Marshall, Henry A.	Plumstead, Kent.	50
Amor, Joseph	Sheerness	50
Preston, Frederick K.	Grantham	50
Tunnicliffe, Walter G.	Wolverton	50
Brodigan, Charles B.	Erith, Kent	50
Stansfield, Samuel	Walsden, Todmorden.	50
Lea, James E.	Sandbach, Cheshire.	50
Larard, Charles E.	Hull	50
Laws, Bernard C.	Southsea, Portsmouth.	50
Taylor, William A.	Crewe	50
Penwarden, Charles W. H.	Plumstead, Kent.	50
Newlands, Archibald.	Rutherglen, Glasgow.	50
Robinson, John	Belfast	50
Williams, John S.	Manchester	50
Barnes, Percy W.	Manchester	50
Davison, Thomas C.	Swindon	50
Drew, Ernest H.	London	50
Musson, Arthur D.	Grantham	50
Oliver, Edmund G.	Wolverton	50
Hall, Albert	Blackburn	50
Grindley, John H.	Oldham	50
Davis, Rayner	Bristol	50
Wait, Francis L.	Crewe	50
Montgomery, William F.	Landport, Portsmouth.	50
1893.		
1. Scholarships (tenable for three years).		
Hamilton, William	Glasgow	125 a year each.
Longbottom, John G.	Keighley	
Malpas, Arthur E.	London	
Durley, Richard J.	London	
2. Exhibitions (tenable for one year).		
Smith, Charles F.	Glasgow	50
Ball, John	Derby	50
Buchan, William	Glasgow	50
Chambers, John B.	London	50
Loveridge, Henry J.	Southsea, Portsmouth.	50
Ireland, William F.	Glasgow	50
Fearnley, George W.	Shipley	50
Styles, Oliver	Edinburgh	50
Russell, George M.	Portsmouth	50
Jude, Alexander A.	Hull	50
Amor, Edward R.	Devonport	50
Jeffery, Joseph	Birmingham	50
Reynolds, Paul J.	Plumstead, Kent.	50
Pilkington, Thomas	London	50
Reynolds, Richard	Cardiff	50
Wilson, George	Sheffield	50
Hammant, Walter O.	Plumstead, Kent.	50
Orr, John	Airdrie	50
Chubb, I. William	London	50
Smith, Henry	Brighton	50
Green, Frederick D.	Wanstead, Essex.	50
Powell, John	Crewe	50
Hardy, James H.	Woodley, near Stockport.	50
Shepherd, James H.	Swindon	50
Thompson, Herbert	Sheffield	50
Stephens, Evan	Swindon	50
Morrall, Henry E.	Wolverton	50
Bates, Herbert	Manchester	50
Hill, Charles H.	Stratford (London).	
Massey, William F.	Newport, Salop.	50

Name.	Address.	Value of Scholarships and Exhibitions awarded.
1894.		
1. SCHOLARSHIPS (tenable for three years).		£
Ball, John	Derby	125 a year each.
Smith, James H.	Manchester	
Verney, Harry	Bristol	
Smith, Charles F.	Bristol	
2. EXHIBITIONS (tenable for one year).		
Fisher, Frank	Brighton	50
Thornton, William M.	Liverpool	50
Hinchley, John W.	Lincoln	50
Young, William D.	Westfield (N.B.).	50
Mellanby, Alexander L.	West Hartlepool.	50
Trunchion, William T. F.	Bedford	50
Deanesly, Henry	Wincanton	50
Swinger, William T.	Plumstead, Kent.	50
Ashton, Arthur W.	Plumstead, Kent.	50
Mascall, Arthur E.	Woolwich	50
Rosbotham, William	Belfast	50
Kirwin, Joseph J.	Devonport	50
Cairns, Charlie W.	Newcastle-on-Tyne.	50
Button, John W.	Oldham	50
Eraut, Sydney	London	50
Pickles, Charles E.	Bradford	50
Allen, Richard G.	Southsea	50
Craig, Alexander	Crewe	50
Usherwood, Thomas S.	London	50
Eraut, Walter	London	50
Limming, Lewis E.	Southsea	50
Lamb, Sidney E.	Devonport	50
Russell, Francis J.	Portsmouth	50
Sutcliffe, Edgar R.	Leeds	50
Hambly, George F.	London	50
Gore, William	King's Lynn	50
Cockrill, Thomas S.	London	50
James, William H.	Cardiff	50
Peachey, Harry J.	Stratford (London).	50
Root, James N.	London	50

Name.	Address.	Value of Scholarships and Exhibitions awarded.
1895.		
1. SCHOLARSHIPS (tenable for three years).		£
Barker, Arthur H.	Pontefract	125 a year each.
Shearer, George W.	Glasgow	
Nicholls, Percy	Pontefract	
Cullen, Harold R.	Manchester	
2. EXHIBITIONS (tenable for one year).		
Goodyear, Charles E.	Devonport	50
Brown, George M.	Jarrow-on-Tyne.	50
Baron, Norton	Ulceby (Lincs.).	50
Jackson, Harry	Manchester	50
Lefluty, Edward M.	Belfast	50
Hyne, Arthur E.	Devonport	50
McMillan, Robert	Liverpool	50
Roebuck, John W.	Liverpool	50
Follows, George	Manchester	50
Baker, Arthur J.	Portsmouth	50
Ross, William D.	Plumstead (Kent).	50
Phillips, Frank H.	Crewe	50
Hildago, Henry T.	Dublin	50
Jones, William P.	Cardigan	50
Milner, John W.	Plumstead (Kent).	50
Bayliss, William	Wolverton	50
Shaw, John B.	Manchester	50
Walker, James	Montrose	50
Kempe, William H. C.	New Shoreham.	50
Talbot, William J.	Selly Oak, Birmingham.	50
Trigg, Henry C.	Stratford (London).	50
McLachlan, Duncan R.	Glasgow	50
Robertson, George A.	Oldham	50
Imrie, Charles H.	Plumstead (Kent).	50
Wallace, William McG.	Crewe	50
Gow, William J.	Crewe	50
Lauder, William	Glasgow	50
Clarke, Samuel A.	London	50
= { Ball, Edmund B.	Manchester	50
= { Ashdown, Jabez W.	London	50

List of Royal Exhibitioners (Science).

1863.

Berreli, Charles.
Rowden, W. T.

1864.

Snelus, George J.
Thorpe, William.
Richards, Edward.

1865.

Jones, Thomas.
Collens, Edward.
Griffiths, John E.
Clowes, Frank.
Connelly, John.
Leonard, William B.

1866.

Green, German.
Page, Frederick J. M.
Stewart, Charles G.
McAllan, John.
Williamson, Stewart, junr.

1867.

Garnett, William.
Liversidge, Archibald
Bickerton, Alexander W.
Sollas, William J.
Cruise, Richard J.
Abraham, Phineas S.
Kilroe, James R.
Hunt, William.
Hardman, Edward T.

1868.

Atkinson, Robert W.
Downar, George F.
Bowney, James J.
McIntosh, Alexander.
Hill, Sinclair.
Philips, Thomas W.

1869.

Mondy, Edmund F.
Walley, Thomas J.
Greenwood, William H.
Scott, John M.
Pegler, Oliver.
Skeffington, Joseph B.
Snaden, John.

1870.

Lee, John B.
Davies, Stephen W.
Jefferson, John C.
Smith, Robert T.
Cox, James S.
Abbott, Thomas.

1871.

Saise, Walter.
Milne, John.
Hill, S. A.
Sexton, A. H.
Sutcliffe, G. W.
Coey, Robert.

1872.

Carter, William.
Willis, Ambrose R.
Meeze, Arthur G.
Gahan, William P.
Coyle, Denis.
Cooke, Ernest H.
Munro, John M. H.
Fream, William.
Barratt, Samuel.
Reilly, Robert H.
Warren, William H.

1873.

Hewitt, William.
Louis, Henry.
Fleming, C. S.
Humberstone, J. T.
Arnall, Thomas.
Daltry, Thomas L.

1874.

Bayley, Thomas.
McAlpine, Archibald N.
Folkard, Charles W.
Whalley, Lawrence J.
Pearson, Alfred N.

1875.

Hatfield, Henry.
Gray, John.
Mills, Frederick G.
Holgate, Thomas E.
Hutchinson, Christopher C.
Whittaker, Thomas.

1876.

Lancaster, Robert W.
Eastick, John J.
Marsh, Walter.
Sisson, George, junr.
Weston, Louis.
Sexton, Frederick M.
Lucas, John H.

1877.

Platnauer, Henry M.
Beringer, John J.
Cross, William.
Luxmoore, Charles M.
Adeney, Walter E.
Riley, John T.
Kingdon, Zachary H.

1878.

Hood, John J.
Wilkinson, John F.
Booty, Stewart E.
Marfleet, Arthur W.
Balls, William.
Page, Alfred G.
Johnson, Alfred E.

1879.

Walton, Joseph P.
Green, John E.
Powell, Charles H.
Coleman, Joseph B.
Minty, Henry O.
Mackenzie, John W.
Jordan, Henry G.

1880.

Thornley, Henry.
Bodey, Ralph T.
Collins, Henry F.
Selman, Codrington D.
Lousley, Ernest.
Lones, Thomas E.

1881.

Mather, Thomas.
Sutton, Alfred.
Littleton, William H.
Whitwell, Arthur.
Willis, Frederick J.
Whittaker, Christopher J.
Walls, Isaac T.

1882.

Walls, Isaac T.
Gibbens, George.
Tomlinson, John H.
Wyatt, Herbert G.
Firth, Abraham.
Sworn, Sidney A.
Niblett, Harry E.

1883.

Rowden, William C.
Hadcock, Albert G.
Tutton, Alfred E.
Clark, James.
Cook, Frederick N.
Fox, John.
McPherson, Joseph W.

1884.

North, Richard.
Pinder, Chas. R.
Griffiths, André P.
Ridewood, Walter G.
Belcher, Frank (appointed to fill a vacancy).
Purvis, John E.
Wise, John B.
Ibbotson, Fred.

1885.

Hadley, Harry E.
Bennie, Hugh O.
Young, James.
Moulton, Arthur J.
Coote, Harold C.
Unsworth, Robert H.
Woolhouse, Sidney H.

1886.

Stanley, Arthur.
Asher-Aron, Samuel B.
Atkins, Henry C.
Stephenson, Herbert F.
Spencer, Leonard Jas.
Chorley, Richard.
Ramage, Hugh.

1887.

Marshall, Geoffrey.
Marshall, Jacob.
Parrish, Samuel.
Holden, Joshua.
Dunn, Frederic W.
Ormsby, Michael T. M.
Pickford, Samuel.

1888.

Fraser, Thos. S.
Young, Benjamin.
Harrison, James.
Crabtree, John D.
Burton, Joseph.
Taylor, John.
Husband, Joseph.

1889.

Heath, Chas. L. E.
Harrison, Walter E.
Perry, Percy John.
Wolfenden, John H.
Brown, Robert J.
Dennis, Herbert.
Barratt, William S.

1890.

Shepherd, John W.
Armstrong, Fredk. W.
Griffiths, Louis F.
Martyn, Thomas G.
McCormick, Shepherd J.
Shaw, Tom G. H.
Mort, Arthur.

1891.

Cartwright, Hubert.
Watson, Walter H.
Horsley, Sidney G.
Cross, Charlie R.
Crossley, Watson.
Crothers, Samuel D.
Pinkerton, Peter.

1892.

Moulden, John C.
Carroll, Martin H. A.
Forsyth, Robert W.
Dunkerley, George D.
Wigner, John H.
Jefcoat, Charles.
Carr, John P.

1893.

Taylor, William A.
Ivey, Joseph H.
Crowther, Joe.
Schofield, John.
Wright, Ferdinand C. N.
Threlfall, Harry.
Schwarz, Herbert F.

1894.

Smith, Clarence.
Edmed, Frank G.
Hildage, Henry T.
Watson, Robert H.
Button, John W.
Eraut, Sydney.
Kirwin, Joseph J.

1895.

Clarke, George E.
Hugon, Edward C.
Procter, Thomas G.
Tomkins, John A.
Swinger, William T.
Roebuck, John W.
Wills, Robert L.

List of Royal Exhibitioners (Art).

1892.

Brown, Percy.
Vinall, Jos. Wm. Topham.
Ward, Charles D.
Hayes, Gertrude Ellen.
Hyland, Flora.
Giles, William.
Shelley, Frank.
Carter, Edward Miall.
Tindell, Myra Jessie.
Solon, Leon Victor.

1893.

Murray, George.
Shackleton, Wm.
Thorogood, Stanley.
Jacobs, Lizzie.
Jagger, Wilson.
Meikle, Wm.
Oakley, Herbert Colborne.
Staynes, Percy Angelo.
Cross, Archibald Campbell.
Skeats, Leonard Frank.

1894.

Burt, Arthur.
Snowdon, Ernest D.
Ingles, George S.
Vokes, Arthur E.
Goshawk, Louisa G.
Meaden, Lewis.
Spurling, Alice R.
Wood, George H.
Bulmer, Hubert E.
Gladwell, Allen R.

1895.

Babb, Stanley N.
Crompton, Oswald.
Watson, Harry.
{ Houston, Mary G.
{ Rogers, Charles H.
Light, Ernest W.
Shaw, Nora I.
Emans, Frank.
Colthurst, Francis E.
Blakeney, Charlotte.

List of National Scholars (Science).

1884.

Graves, Henry G.
Willmott, Sam. A.
Cattermole, Arthur E.
Card, George W.
Hewitt, John T.
Denning, Tom H.
Bower, William R.
McWilliam, Andrew.
Griffiths, Albert.
Anderson, Herbert.
Smith, Ernest.
Porter, James.

1885.

Burton, William.
Gray, Philip L.
Lang, Charles.
Clarkson, Thomas.
Scudamore, William.
Lanchester Frederic W.
Holland, Thomas H.
Hey, Harold E.
Blackmore, William.
Kelsall, William.
Sowerbutts, Henry.
Chattaway, Frederick.

1886.

Tate, William.
Stanfield, Richard.
Wood, John E.
Briscoe, Albert E.
Schofield, James A.
Gilbert, C. Humphrey.
Speak, Savannah J.
Truscott, Samuel J.
Adamson, Arthur.
Ridding, Howard C.
Lowndes, Frederick.
Kirman, Walter,

1887.

Studley, Samuel H.
Wilkinson, David.
Wood, Sydney.
Jarratt, William S.
Huntly, George N.
Stanton, Henry.
Smith, Samuel W. J.
Jones, Frederick W.
Smith, John.
Robson, William G.
Coker, Ernest G.
Riley, Henry C.

1888.

Coppock, John B.
Lawn, James G.
Grime, Herbert.
Stansfield, Alfred.
Eustace, John.
Wilson, Edwin.
Jones, Lionel M.
Jefferson, Joseph.
Bolton, Henry T.
Howe, Ben.
Yates, John.
Cavendish, Harry.

1889.

Pickles, John W.
Smeeth, William F.
Cooke, Lewis H.
Thompson, George R.
West, William, junr.
Stansfield, Herbert.
Parker, Llewellyn.
Woodall, Herbert J.
Ackroyd, Frank.
Greaves, Joseph.
Thompson, Edward C.
Priestlay, Charles W.

1890.

Richardson, Samuel S.
Edser, Edwin.
Allan, William.
Melton, George.
Mackenzie, Kenneth.
Bedford, Thomas T.
Parry, Laurence.
Freeman, Oliver.
Longbottom, John G.
Clark, Herbert A.
Price, Samuel W.
Day, William.

1891.

West, George S. . . (For Biological Subjects.)
Bruce, James . . (For Chemistry and Physics.)
Starling, Sydney G. . (For Mechanics.)

Sidebotham, Charles H.
Spencer, Bernard E.
Smith, James H.
Ball, John.
Robinson, Charles Harold.
Fearnley, George W.
Gray, Charles J.
Carroll, Francis.
Archer, Ralph M.
Verney, Harry.
Thompson, James.

1892.

Walker, George W. .
Baxter, Cecil . .
Cullen, Harold R. .
Hewson, Walter .
(For Mechanics.)

Longshaw, William .
Vincent, Joseph H. .
Nicholls, Arthur .
Thomas, John . .
Ferguson, Reginald W.
(For Chemistry and Physics.)

Stenhouse, Ernest .
Freeman, William G.
(For Biological Subjects.)

More, Andrew,
Prescott, Harry R. .
Rudd, William H.
Malpas, Arthur E.
Rison, George T.
Tubbs, William E.
Preston, Frederick K.
Nixon, William F.
Saunders, William.
Swords, William F.
Green, John J.

1893.

Buchan, William .
Lea, Frederick C. .
Eagles, James . .
Cabena, Richard H. .
(For Mechanics.)

Howard, Albert .
Penn, Francis R. .
Meldrum, Andrew N.
Bradley, William A.
Hinchley, John W. .
(For Chemistry and Physics.)

Allen, Arthur O. .
Sowter, Robert .
(For Biological Subjects.)

Chambers, John B.
Loveridge, Henry J.
Laws, Bernand C.
Davidge, Henry T.
Butlers, Joseph B.
Clements, Henry H.
Outhett, Christopher
Macdonald, William.
Platt, William N.
Blake, George S.
Newman, Frank H.

1894.

Fisher, Frank . .
Rieley, John T. .
Brodigan, Charles B.
Hyne, Arthur E. .
(For Mechanics.)

West, Charles A. .
White, William H. .
Dean, Harry . .
Reynolds, William C.
Lister, John . .
(For Chemistry and Physics.)

Smith, Ernest . .
Probert, Frank H. .
Harrison, Herbert S.
(For Biological Subjects.)

Russell, George M.
Stansfield, Samuel.
Morgan, Gilbert T.
Hall, William G.
Cox, Arthur S.
Munton, Frederick T.
Wilson, George.
Overton, George L.
Baron, Norton.
Dixon, Ernest E. L.
Eccles, William H.

1895.

Verity, Edmund R. .
Patchin, George .
Jackson, Harry .
Ditchburn, William, junr. . . .
(For Mechanics.)

Price, Thomas S. .
Studt, Franz E. .
Bailey, Herbert .
Bennett, William .
Barker, John W. .
(For Chemistry and Physics.)

Hill, Thomas G. .
Scott, Ernest A. .
(For Biological Subjects.)

Goodyear, Charles E.
Lefinfy, Edward M.
James, William H.
Clough, William T.
Halliday, Herbert.
Cameron, William.
Hibbert, Ernest.
Lamb, Sidney E.
Lister, Joseph.
Parker, William.
Harrison, Ernest T.

LIST OF NATIONAL SCHOLARS (ART) from February 1885 to November 1895.

Name.	Dates.	Age.	Previous Occupation.	From	Employment on leaving School.
Abraham, Francis	1885	24	Designer and decorator for pottery.	West London -	Employed in Edinburgh.
Albrow, Omar R. -	1885 to 1886	25	Painter and decorator	Great Yarmouth -	Employed by Messrs. Starkie & Gardner.
Brown, W. K. -	1885 to 1886	26	Brass finisher - -	West London -	Working for Prof. Herkomer, R.A.
Crompton, E. -	1885	27	Student - -	South Kensington	Modelling master, Southampton, and Occasional Examiner for Department of Science and Art.
Fisher, John - -	1885	22	Designer and modeller	Sheffield - -	Teacher, Bristol.
Flowerdew, Charles E.	1885 to 1886	21	Porcelain worker -	Nottingham - -	Teacher, Kidderminster.
Fisher, Alexander	1885 to 1886	19	Potter's decorator -	Torquay - -	Enameller.
Gibson, Henry	1885	33	Calico printer's designer.	Preston - -	Employed at the Bannister Hall Printing Works, Preston.
Gates, William H. -	1885	27	Modeller and designer	South Kensington	Teacher of modelling.
Leighton, Frederick	1885	21	Tile painter and designer.	Coalbrookdale -	Employed by Mr. Wyon, engraver, Regent St., London.
Penson, Frederick T.	1885	17	China painter - -	Stoke-on-Trent -	Stained glass designer.
Smith, Thomas -	1885 to 1886	21	Draughtsman in tile works.	Coalbrookdale -	Travelling scholar, Goldsmiths' Co.
Hall, Alfred - -	1885 to 1887	25	Designer and draughtsman.	Cirencester -	Decorator, Windsor.
Steeley, Frank -	1885	19	Designer (silver work)	Birmingham -	Designer, Birmingham.
Tonelli, Domenico A.	1885 to 1886	18	Architectural modelling and casting.	South Kensington	Assistant to Mr. Alfred Gilbert, R.A., sculptor.
Miller, Robert A. -	1884 to 1887	24	Designer and draughtsman.	Newcastle-on-Tyne	Glass designer, New York.
Toft, Edward - -	1885 to 1887	19	Modeller - -	Hanley - -	Model designer, Birmingham.
Bowcher, Frank -	1886 to 1887	21	Student - -	South Kensington	Assistant to Mr. Onslow Ford, A.R.A., Sculptor.
Coulon, James -	1886 to 1887	23	Decorative artist -	South Kensington	Master at Wandsworth Art and Science Classes.
Graham, George H.	1886 to 1887	23	House decorator -	Glasgow - -	House decorator.
Matthews, Henry B.	1886 to 1887	24	Glass painter - -	West London -	Employed in Canada.
Mills, William -	1886 to 1887	21	Pottery modeller and designer.	Hanley - -	Teacher of modelling, Hanley.
Weatherstone, Alfred E.	1886 to 1887	22	Designer of furniture	West London -	Employed in Edinburgh.
Morrow, Henry C.	1886 to 1888	20	House painter and decorator.	Belfast - -	Employed in Belfast.
Toft, Joseph A. -	1886 to 1888	19	China painter - -	Hanley - -	Landscape painter, Edinburgh.
Rhind, John - -	1886 to 1888	26	Architectural carver -	Lambeth - -	Sculptor, Glasgow.
Mair, Georgiana A.	1886 to 1888	18	Designer for glass -	St. Thomas, Charterhouse.	——
Boulton Arthur -	1887 to 1888	22	China painter - -	Stoke-on-Trent -	Designer.
Jack, Richard -	1887 to 1888	20	House decorator -	York, Minster Yard.	"Black and White" artist, Paris.
Murphy, Michael -	1886 to 1888	28	Stone carver - -	Cork - -	Assistant to Mr. T. Brock, R.A., Sculptor; Mr. Hamo Thornycroft, R.A., Sculptor; and Messrs. Trollope & Sons, London.
Willdigg, John -	1887 to 1888	21	Pottery modeller and designer.	Hanley - -	Pottery Designer, Hanley.
Drake, Francis J. -	1888 to 1889	19	Architectural modeller	" - -	Employed at Powell's Glass Works, Blackfriars.
Essex, Thomas R. -	1888 to 1889	23	Designer for pottery -	South Kensington	Sculptor.
Owen, John - -	1888 to 1889	22	Architectural modeller	Newcastle, Staffs.	Designer in America.
Pratt, Thomas -	1888 to 1889	18	House decorator -	Barnes Institute -	Designer for Messrs. Collinson and Lock.
Prosser, William H.	1888 to 1889	23	Designer for textiles -	West London -	Working as a sculptor, Roya Academy.
Rushton, Alfred J.	1888 to 1889	22	Lithographer - -	Birmingham -	Lithographer for Messrs. Allen & Co., Belfast.
Finchett, Thomas	1889 and 1890	29	Furniture draughtsman.	West London -	(Deceased.)

Name.	Dates.	Age.	Previous Occupation.	From	Employment on leaving School.
Baker, Albert J. -	1889 and 1890	20	Pottery designer -	Stoke-on-Trent -	Pottery designer.
Briggs, John - -	1889 „	31	Decorator - -	Edinburgh -	(Deceased.)
Townsend, William G.	1889 „	22	Pottery designer -	Derby - -	Jewellery designer.
Sheppard, Oliver -	1889 and 1891	24	Architectural sculptor	Dublin - -	Teacher of modelling, Nottingham.
Moyle, John - -	1889 and 1890	25	Calico designer -	Preston - -	Employed at Patent Office.
Brown, Harry E. -	1889 „	22	Modeller and designer	Birmingham -	Modeller and designer (metal work).
Shields, John -	1889 „	28	Wood carver - -	South Kensington	Decorator, Edinburgh.
Fabian, Ernest -	1889 „	22	Architectural sculptor	South Kensington	Teacher, Bristol S. of A.
Donohue, Thomas J.	1889 „	25	Silk designer - -	Macclesfield -	Silk designer.
Barrett, Thomas -	1890 and 1891	23	Linen designer -	Macclesfield -	Textile designer, Macclesfield.
Kerr, Thomas -	1890 „	25	Silk designer - -	South Kensington	Wall paper and textile designer.
McCrossan, Peter -	1890 „	25	Modeller and wood carver.	Glasgow - -	Assistant to Mr. Moralda, decorator.
Moore, Esther Mary	1890 „	31	Silversmith's designer	South Kensington	Modeller.
Turnbull, Walter -	1890 „	25	Architectural modeller	Westminster -	Decorative modeller.
Wooldridge, Frek. R.	1890 „	24	Pottery designer -	Hanley - -	Employed at Julian's Atélier Paris.
Hiles, Fredk. J. B.	1891 and 1892	19	Picture frame designer	Bristol - -	Wall paper designer, London.
Hindley, William -	1891 „	21	Pottery designer -	Hanley -	Teacher, Burslem Technical School and Designer.
Hughes, John -	1891 „	26	Architectural modeller	Dublin - -	Teacher of modelling, Metropolitan S. of A., Dublin.
Joubert, Jules A. -	1891 „	26	Decorator - - -	South Kensington	Designer of interior decoration.
Penson, Harry S. -	1891 „	23	Pottery designer -	Stoke-on-Trent -	Designer, Edinburgh.
Preston, Edward -	1891 „	23	Lithographic artist -	Birmingham -	Designer for Art Publishers.
Unwin, William C.	1891 „	25	Ornamental plasterer	Sheffield - -	Architectural Modeller, Sheffield.
Wood, Frank D. -	1891	19	Student N.A.T.S. -	South Kensington	Modeller, London.
McGill, D. - -	1891	27	S. in T. N.A.T.S. -	South Kensington	Student and Travelling Scholar, Royal Academy, and Occasional Examiner under Department of Science and Art.
Jahn, Francis -	1891 and 1893	19	Modeller for pottery -	Hanley - -	Employed at Minton's, Stoke-on-Trent.
M'Lellan, Neil -	1891 „	21	Modeller and stone carver.	Glasgow - -	Architectural modeller, London.
Morrow, George -	1891 „	21	Decorator - - -	Belfast - -	Decorative designer, London.
Moss, Samuel Herbert.	1891 „	22	Silk designer - -	Macclesfield -	Employed at Macclesfield.
Pepper, Herbert Sanders.	1891 „	24	Designer (metal work)	London Polytechnic.	Metal work designer.
Thomson, William G.	1891 „	25	Glass painter and designer.	South Kensington	Decorative glass designer London.
Tonner, William J.	1891 „	22	Architectural modeller	Glasgow - -	Employed at Julian's Atélier, Paris.
Wheatley Oliver -	1891 „	23	Modeller (metal work)	Birmingham -	Assistant to M. Wade, sculptor.
Brown, Louisa K. -	1891 „	24	Designer (silver work)	Birmingham -	(Married.)
Barnes, Walter M.	1892 and 1894	21	Wood carver - -	South Kensington	Teacher.
Bramley, Alfred E.	1892 „	22	Decorator, &c. - -	York - -	Decorator at Olympia, and at Messrs. Gillows'.
Brookes, Edgar W.	1892 „	28	Designer (metal work)	Wolverhampton -	(Deceased.)
Hopwood, Ernest A.	1892 and 1893	24	Encaustic tile decorator.	Coalbrookdale -	Pottery designer.
Kean, William M. B.	1892 and 1894	22	Decorative designer -	Leek - -	Designer and teacher, Lambeth.
Stokes, Thomas B.	1892 „	25	Designer, stained glass	West Bromwich -	Designer, Birmingham.
Vand[illegible]lyn, Nathan	1892 „	20	Draughtsman, stained glass.	Birmingham -	" Black and White " artist.
Wakeford, Alfred	1892 „	31	Designer, gun engraving.	South Kensington	——

Name.	Date of Joining.	Date of Leaving.	Age.	Previous Occupation.	From	Employment on leaving School.
Daniell, John B. -	Oct. 1892.	July 1895.	24	Cabinet maker - -	Barrow-in-Furness	At present in National Art Training School.
Cartwright, Thomas	Oct. 1893.	"	23	Textile designer -	Macclesfield -	Teacher, Southport School of Art.
Void.	—	—	—	—	—	—
Ives, Joseph - -	Oct. 1893.	July 1895.	21	Modeller - -	South Kensington	Assistant to Mr. G. Frampton, A.R.A., sculptor.
Kingman, George Wm.	"	"	19	Carpet designer -	Kidderminster -	Carpet designer.
Orr, Arthur Anselm	"	"	24	Stained glass draughtsman.	Westminster -	Stained glass designer.
Simpson, Margaret Lilian.	"	Dec. 1895.	21	Designer and modeller of tiles and decorative panels.	South Kensington	At present in National Art Training School.
Warren, Charles Richard.	"		21	Draughtsman and designer.	Birmingham -	At present in National Art Training School.
Douglas, Wm. Jos.	Oct. 1894.		22	Textile designer -	Belfast - -	Do. do.
Fisher, Alfred Hugh.	"		27	Decorative designer -	Lambeth - -	Do. do.
Glover, John Macnaught.	"		16	House decorator -	Dumfries - -	Do. do.
Hardy, John Gabriel.	"		21	Carpet designer -	Westminster -	Do. do.
Mercer, Eleanor Louise.	"		23	Designer and chaser -	Sheffield - -	Do. do.
Overnell, Thos. John.	"		22	Decorative painter -	Mile End - -	Do. do.
Radcliffe, Lewis Chas.	"		28	Decorative painter -	South Kensington	Do. do.
Walters, Chas. Wm. D.	"		24	Decorative designer -	South Kensington	Do. do.
Morris, Lilian M. -	Feb. 1895.		22	Modeller - -	Hanley - -	Do. do.
Steele, Florence H.	"		37	Designer - -	South Kensington	Do. do.
Connard, P. - -	Oct. 1895.		21	Decorator and designer.	Southport - -	Do. do.
Harmstone, J. H. -	"		21	Modeller and designer	Sheffield - -	Do. do.
Onions, G. O. -	"		21	Lithographic designer	Bradford - -	Do. do.
Sheppard, R. -	"		20	Modeller and designer	Dublin - - -	Do. do.
Emery, A. W. -	Nov. 1895.		19	Modeller - - -	Hanley - - -	Do. do.

List of Gold Medallists in the National Art Competition from 1866 to 1895.

1866.

Ball, Percival	Lambeth.
Cox, Thomas	Birmingham.
Haynes, Edward T.	Lambeth.
Jenkin, William	Warrington.
Mackaness, William	South Kensington.
Manly, Alice Elfrida	Bloomsbury.
Mason, Mary	South Kensington.
Middleton, Chas.	Warrington.
Orr, William	Glasgow.

1867.

Brooks, Maria	South Kensington.
Brophy, Andrew	,,
Doughty, Edwin	Nottingham.
Gribble, Herbert Keate.	South Kensington.
Johnson, H.	St. Martin's.
Morris, W. B.	Manchester.
Orr, John	Glasgow.
Orr, William	Glasgow.
Poole, Edward	Kidderminster
Simpson, William Page.	South Kensington.

1868.

Bancroft, Elias M.	Manchester.
Brett, Frances	Dublin.
Broadhead, Geo.	Nottingham.
Brooks, Maria	South Kensington.
Clarke, E. F.	St. Martin's.
Clausen, G.	South Kensington.
Cox, Thomas	Birmingham.
Loock, Paul	Hull.
Mullins, Edwin	Lambeth.
Murray, C. O.	Edinburgh.

1869.

Archer, Henry	Sheffield.
Bishop, Robt. H.	Nottingham.
Ferguson, Daniel	Glasgow.
Healey, Edward	Bradford.
Johnson, Cyrus	Lambeth.
Jordan, Frances	Dublin.
Mansell, Mary A.	South Kensington.
Oliver, W. W.	,,
Palmer, H. S.	,,
Perks, Benjamin	Kidderminster.

1870.

Bathe, John	Manchester.
Brophy, A. F.	South Kensington.
Clausen, G.	,,
Ferguson, Danl.	Glasgow.
Heald, Francis B.	Nottingham.
Metcalfe, Martha	Bradford.
Rooke, T. M.	South Kensington.
Schenk, Agnes	Lambeth.
Schofield, Joseph	Warrington.
Steel, James	Glasgow.

1871.

Butler, William	Nottingham.
Crichton, William M.	Edinburgh.
Gibbons, Owen	South Kensington.
Luker, Geo. L.	St. Martin's.
Munn, Geo. F.	South Kensington.
Robertson, James	Edinburgh.
Stanton, Rose E.	Stroud.
Steel, James	Glasgow.
Turton, Geo. F.	Nottingham.

1872.

Abraham, Robert J. -	Stoke-on-Trent.
Blair, Jno. - -	Edinburgh.
Doherty, Daniel -	Manchester, R.I.
Ellis, Joseph - -	Hanley.
Falconer, Georgina -	Manchester, R.I.
Gibbons, Owen -	South Kensington.
Jameson, Benjamin -	Warrington.
Mansell, Marianne -	South Kensington.
Selous, Emily -	Bloomsbury.
Watkins, John -	Birmingham.

1873.

Dott, John L. -	Edinburgh (Male).
Gibbons, Owen -	South Kensington.
Holgate, J. - -	Halifax.
Lane, R. Q. - -	Belfast.
Marshall, W. -	South Kensington.
Robinson, Annie L.	Manchester, R.I.
Stevenson, Wm. G. -	Edinburgh (Male).
Webster, George -	"
Wilson, T. W. -	South Kensington.
Wood, Eleanor S. -	Manchester, R.I.

1874.

Batley, Walter D. -	South Kensington.
Ewing, Wm. - -	Nottingham.
Hammond, Thos. W.	Manchester, R.I.
Hastling, Annie E. -	Glasgow.
Marshall, W. -	South Kensington.
Noyle, Wm. - -	Salisbury.
Owen, Wm. - -	Manchester, R.I.
Randall, W. F. -	South Kensington.
Shaw, Jno. J. -	"

1875.

Bullock, W. A. -	Kidderminster.
Burnett, Thos. Stuart	Edinburgh (Male).
Canton, Susan R. -	Bloomsbury.
Christie, James -	South Kensington.
Duffield, J. R. -	Birmingham.
Habershon, Lydia -	Sheffield.
Hammond, T. W. -	Nottingham.
Hood, Hy. - -	"
Logsdail, Wm. -	Lincoln.
Mansell, Marianne -	South Kensington.

1876.

Fisher, Saml. W. -	Lambeth.
Goodall, Thos. -	"
Goodfellow, C. E. -	Westminster (Hide Place).
Green, Robt. R. -	"
Habershon, Lydia H.	Sheffield.
Irvin, Marcella -	Dublin R.D.S.
Logsdail, W. -	Lincoln.
Needham, Robt. -	Sheffield.
Prevost, Marie -	Lambeth.
Seagrave, Herbert -	Nottingham.

1877.

Bramley, Frank -	Lincoln.
Brindley, C. A. -	South Kensington.
Elson, Robt. - -	Lambeth.
Fidler, Fredk. -	Sheffield.
Hardisty, Jno. -	Manchester (Gram. Sch.)
Harris, Fredk. - -	Lincoln.
Horsefield, Hy. -	Nottingham.
Irwin, Elizth. -	Dublin R.D.S.
Parkinson, John -	Portsmouth.
Parting, Emma -	West London.
Richards, Sophia -	Westminster, St. Mary's.
Williams, R. A. -	South Kensington.

1878.

Benson, Mary K.	Bloomsbury.
Bradley, Dora	Dublin.
Carr, John M.	Nottingham.
Daniels, Geo.	City and Spitalfields.
Grace, Frances Elizth.	Brighton.
Ross, Joseph T.	Edinburgh (Male).
Stamp, Jno. A.	Nottingham.
Yeomans, Annie	Sheffield.

1879.

Berkeley, Stanley	Lambeth.
Bradburn, John W.	Coalbrookdale.
Castle, Joseph	Manchester (Gram. Sch.)
Cadenhead, Jas.	Edinburgh (Male).
Denley, Mary A.	Westminster, St. Mary's.
Drury, Alfred	South Kensington.
Garbutt, Andrew	Westminster R.A.M.
Sewell, A. J.	Nottingham.
Shepherd, Geo. W.	Coalbrookdale.
Wood, Catherine M.	Bloomsbury.

1880.

Bathgate, Geo.	Edinburgh (Male).
Bowcher, Alfred W.	South Kensington.
Bradburn, Jno. W.	Coalbrookdale.
Elliott, Geo. Herbt.	Bradford (Grammar School).
Gibbons, Francis	Cirencester.
Herrington, F. W.	St. Martin's.
Joyce, Mary	Dover.
Kitson, Wm.	Westminster R.A.M.
Savill, Edith	Lambeth.
Scott, Amy	Brighton.
Shannon, Jas. J.	South Kensington.
Stephenson, Chas.	Bradford (Grammar School).
Stirling, Evangeline	South Kensington.

1881.

Bradburn, Jno. W.	Coalbrookdale.
Breakspeare, Wm. A.	Birmingham.
Dickeson, Agnes	Dover.
Fidler, Gideon	Salisbury.
Hitchens, Alfred	South Kensington.
Joyce, Mary	Dover.
Liberty, Octavia	Nottingham.
Michie, Jas. C.	Edinburgh (Male).
Morrison, Robt. E.	Liverpool (S. District).
Smith, Herbert G.	Nottingham.
Suddards, Frank	Bradford (Grammar School).
Surenne, Mary H.	Edinburgh (Female).
Woodhouse, Fredk. W.	South Kensington.

1882.

Alison, Thos.	Edinburgh (Male).
Doran, Thos. E.	Macclesfield.
Evans, Jno. Arthur	Gloucester.
Gibbons, Francis	Coalbrookdale.
Hitchens, Alfred	South Kensington.
Leavers, Lucy A.	Nottingham.
Meine, Jas.	Kidderminster.
Nisbet, Ethel Chapman.	Bloomsbury.
Nowell, Arthur T.	Manchester (Cavendish St.).
Rogers, Mark	Lambeth.

1883.

Barrett, Thos. -	Macclesfield.
Birbeck, Chas. J. -	Hull.
Carlill, S. B. -	Hanley.
Crompton, Edwd. -	South Kensington.
Fisher, Jno. - -	Sheffield.
Jahn, Albert C. C. -	Hanley.
Linnell, Thos. -	Leicester.
Starling, Marian A. -	Brighton.
Thiede, Edwin Adolf	South Kensington.
Varley, Emily L. -	Bloomsbury.
Woodall, Wm. H. -	West London.

1884.

Aylward, Charles B.	South Kensington.
Cooke, Ernest O. -	Nottingham.
Forrester, Harold -	Hanley.
Jahn, Albert C. C. -	„
Mawson, Sidney G. -	Manchester (Cavendish St.).
Poole, Frederick V. -	Southampton (Hartley Inst.).
Procopides, Constantine.	Manchester (Cavendish St.).
Shelley, Frederick -	Hanley.
Tonelli, Dominico -	South Kensington.
Weatherstone, Alfred George.	West London.
Willdigg, John -	Hanley.

1885.

Birks, Edward -	Stoke-on-Trent.
Blacklock, Thomas W. B.	Edinburgh (Male).
Cox, Mary C. - -	Manchester (Cavendish Street).
Erskine, Andrew -	Manchester (Grammar School).
Kerr, Eleanor - -	Dublin (Metropolitan).
Mills, William -	Hanley.
Moore, William -	Broseley (branch of Coalbrookdale).
Owen, John - -	Hanley.
Partridge, Walter L. -	Birmingham.
Rhind, John - -	Lambeth.
Taylor, Ed. Ingram -	West London.
Thomson, Winifred H. -	South Kensington.

1886.

Allen, Hollins - -	Warrington.
Birks, Edward -	Stoke-on-Trent.
Freeth, Walter -	Birmingham.
Fripp, Henry C. I. -	Bristol.
Gamley, Henry S. -	Edinburgh (Male).
Jones, Margaret E. -	Manchester (Cavendish Street).
King, Lydia Bacon -	Bloomsbury.
Mawson, Sidney G. -	Manchester (Cavendish St.).
Parker, William -	Lambeth.
Taylor, Edward I. -	West London.
Tooley, Herbert -	Yarmouth, Great.
Whitwell, Frederick -	York (Minster Yard).

1887.

Birks, Edward -	Stoke-on-Trent.
Donohue, Thomas -	Macclesfield.
Ginn, Gertrude M. -	Hertford.
Prosser, William H.	West London.
Robinson, Hilda K. A.	South Kensington.
Turnbull, Walter -	Westminster.
Williams, Charles T. -	Hanley.

1888.

Adams, Percy - -	Ipswich.
Baker, Albert - -	Stoke-on-Trent.
Beatson, Caroline C.	Cork.
Cole, Herbert - -	Manchester (Cavendish Street).
Donohue, Thomas John.	Macclesfield.
Howdill, Charles B. -	Leeds.
King, James J. F. X.	Glasgow.
MacGoun, Hannah -	Edinburgh.

1889.

Allen, Percy K.	Nottingham.
Birks, Edward	Stoke-on-Trent.
Carder, Frederick	Wordsley (Board Sch. Art Class).
Littler, Henry	Manchester (Cavendish St.).
Parkyn, John H.	Bristol.
Strang, Maggie	Glasgow.

1890.

Holt, William E.	Burnley.
Hughes, John J.	Dublin.
Walker, Archibald	Glasgow.
Ewan, Frances A. E.	Manchester (Cavendish St.).
Butterfield, Lindsay P.	South Kensington.

1891.

Hope, Robert	Edinburgh (Male).
Lake, Gertrude	Manchester (Cavendish St.).
Pollard, Renira	South Kensington.
Pringle, John	Glasgow.
Roots, Gertrude	Canterbury.
Wheatley, Oliver	Birmingham.

1892.

Bradley, Gertrude M.	Birmingham.
Fisher, Laura Margaret.	Clapham.
Henniker, Annie L.	Clapham.
McIntosh, Charles R.	Glasgow.
Roots, Gertrude	Canterbury.
Smith, William I.	Leicester (Hastings Street).
Smith, Winifred	Birmingham.
Wakeford, Alfred	South Kensington.

1893.

Caldwell, Mary	Canterbury.
Clifford, Harry P.	Rochester.
Dunn, Alfred J.	Birmingham.
Fisher, Laura	Clapham.
Henniker, Annie L.	Clapham.
Heron, Francis A.	South Kensington.
Pirnie, Jackson G.	Edinburgh (Male).
Smith, William J. (two medals).	Leicester (Hastings Street).
Spence, Robert	Newcastle-on-Tyne Durham College of Science.
Tonge, James H.	York (St. Leonard's Place).

1894

Fletcher, Benjamin J.	Leicester (Hastings Street).
Knight, Harold	Nottingham.
Mercer, Eleanor L. (two medals).	Sheffield.
Mitchell, Henry	Glasgow.
Spence, Robert	Newcastle-on-Tyne (Durham College).
Steele, Florence H.	South Kensington.
Thompson, Evelyn G.	Southport.
Watson, Alfred	Birmingham.

1895.

Smith, Winifred -	Birmingham.
Sheehan, Charles Andrew.	Bristol (Kensington House).
Hodge, Albert H. -	Glasgow.
Quennell, Charles -	Lambeth.
Woolidge, Harold H.	New Cross.
Johnson, Laura -	Nottingham.
Willcughby, Ernestine.	Plymouth (Technical School).
Duffield, John R. -	Sheffield.

PRINCESS OF WALES' SCHOLARS.

Year.	£25.	£11.	School.
1866	Mason, Mary	—	South Kensington.
	—	Manley, Alice E.	Bloomsbury.
1867	Brooks, Maria	Fisher, Ellen	South Kensington.
1868	Brooks, Maria	—	Dublin.
	—	Brett, Frances	South Kensington.
1869	Mansell, Mary A.	—	South Kensington.
	—	Jordan, Frances	Dublin.
1870	Schenk, Agnes	—	Bradford.
	—	Metcalfe, Martha	Lambeth.
1871	Stanton, Rose E.	—	Stroud.
	—	Mansell, Marianne	South Kensington.
1872	Selous, Emily	—	Bloomsbury.
	—	Mansell, Marianne	South Kensington.
1873	Wood, Eleanor S.	—	Manchester R. I.
	—	Robinson, Annie L.	" "
1874	Hastling, Annie E.	—	Manchester R. I.
	—	Wood, Eleanor S.	" "
1875	Canton, Susan R.	—	Bloomsbury.
	—	Habershon, Lydia	Sheffield.
1876	Prevost, Marie	—	Lambeth.
	—	Habershon, Lydia	Sheffield.
1877	Irwin, Elizabeth	—	Dublin R. D. S.
	—	Parting, Emma	West London.
1878	Bradley, Dora	—	Dublin Met.
	—	Yeomans, Annie	Sheffield.
1879	Denley, Mary A.	—	Westminster, St. Mary's.
	—	Wood, Catherine M.	Bloomsbury.
1880	Joyce, Mary	—	Dover.
	—	Savill, Edith	Lambeth.
1881	Liberty, Octavia	—	Nottingham.
	—	Joyce, Mary	Dover.
1882	Leavers, Lucy A.	—	Nottingham.
	—	Nisbet, Ethel Chapman	Bloomsbury.
1883	Starling, Marian A.	—	Brighton.
	—	Varley, Emily L.	Bloomsbury.
1884	Sanders, Mabel	—	Birmingham.
	—	Douglas, Hilda F.	Dublin (Metropolitan).
1885	Cox, Mary C.	—	Manchester (Cavendish St.)
	—	Thomson, Winifred H.	South Kensington.

Year.	£25.	£11.	School.
1886	Ellerby, Ethel	—	Manchester (Cavendish St.).
	—	Conder, Helen Louise	Bloomsbury.
1887	Robinson, Hilda K. A.	—	South Kensington.
	—	Ginn, Gertrude M.	Hertford.
1888	Beatson, Caroline C.	—	Cork.
	—	MacGoun, Hannah	Edinburgh.
1889	Strang, Maggie	—	Glasgow.
	—	Farman, Agnes E.	Leicester (Hastings Street).
1890	Ewan, Frances A. E.	—	Manchester (Cavendish St.).
	—	Mohun, Mary	Canterbury.
1891	Roots, Gertrude	—	Canterbury.
	—	Lake, Gertrude	Manchester (Cavendish St.).
1892	Fisher, Laura M.	—	Clapham.
	—	Roots, Gertrude	Canterbury.
1893	Fisher, Laura M.	—	Clapham.
	—	Caldwell, Mary	Canterbury.
1894	Steele, Florence H.	—	South Kensington.
	—	Thompson, Evelyn D.	Southport.
1895	Johnson, Laura	—	Nottingham.
	—	Smith, Winifred	Birmingham.

LIST of PERSONS to whom ART MASTER'S CERTIFICATES have been issued up to the end of September 1895.

Group 1. Elementary Drawing and Colouring.
Group 2. Painting.
Group 3. The Figure drawn and painted.
Group 4. Modelling Ornament.
Group 5. Modelling the Figure.
Group 6. Architectural Drawing.
Group 6a. Mechanical Drawing.

Names of Persons Certificated.	School where previously taught.	Certificates obtained.
Ablett, Thos. R.	Leeds	1.
Abraham, Ada J.	Bloomsbury	1.
Abraham, Lilian	Ditto	1.
Abraham, Mary	Training Class	1.
Adams, Robert Henry.	South Kensington.	1.
Adcock, Constance Amy.	Birmingham	1.
Addey, Joseph P.	Cork	1, 2.
Alderton, Wm. M.	Brighton	1.
Alexander, Cath. M.	Bristol	1.
Allan, Hugh	Glasgow	1.
Allan, James	Stockton and Middlesbro'.	1.
Allan, Jessie Russell.	Glasgow	1.
Allan, Robt. T. M.	Dundee	1.
Allaun, Moses	Leeds	1.
Allen, Ernest Lupton.	Margate and South Kensington.	1, 2, 6.
Allen, Hollins	Warrington and South Kensington.	1, 2, 6.
Allen, John Edsall	St. Thomas, Charterhouse, and South Kensington.	1, 6.
Allen, William Herbert.	Training Class	1, 2, 4.
Allison, John Wm.	Hull and Training Class.	1, 2, 6.
Allport, Harvey	Training Class	1, 2, 6.
Amoore, Elizth. Anne.	Hastings	1.
Anderson, Archd. M.	Dundee	1.
Anderson, Christina S.	Glasgow	1.
Anderson, David	Dundee	1, 2, 3, 6.
Anderson, David H.	Belfast	1.
Anderson, Emily.	Cork	1.
Anderson, George Lilly.	Coventry	1.
Anderson, H. T.	Metrop. Dist.	1.
Anderson, Herbert Arthur.	West Bromwich and Birmingham.	1.
Anderson, James.	Paisley	1.
Anderson, John	Stoke	1, 2, 3, 6a.
Anderson, Laurence.	Training Class	1.
Andrew, F. W.	Metrop. Dist.	1.
Andrews, Egbert Richard Samuel.	Bradford (Technical College).	1.
Andrews, Fredk. H.	Chancery Lane	1.
Andrews, Robert.	Belfast and South Kensington.	1, 2.
Appleton, John H.	Lincoln and South Kensington.	1, 2.
Armstrong, Caroline	Training Class	1.
Armstrong, Charles	Newcastle (Corporation St.) and South Kensington.	1, 2.
Armstrong, Henry Fry.	Leeds and South Kensington.	1.
Armstrong, Robert Leslie.	Harrogate	1.
Arthur, T.	Metrop. Dist.	1.
Ash, John W.	Leicester	1.
Ashton, Maud	Manchester	1.
Ashwell, Ellen	Bloomsbury	1.
Ashworth, Susan	Metrop. Dist.	1, 2.
Atherton, James.	Bradford (Technical College).	1, 2.
Atkins, Catherine	Training Class	1.
Atkinson, G. M.	Cork	1, 6a.
Atkinson, Mary	Training Class	1.
Atkinson, Michael A.	Leeds	1.
Attwell, Emily Annabella.	Mile End	1.
Austin, Emily	Bloomsbury	1.
Aylward, Chas. Burrell	Hastings	1.
Ayre, Mary Jane	Bloomsbury	1.
Babb, Henry R.	Devonport	1.
Bachmann, Emma	Bloomsbury	1.
Bacon, Katharine R.	Lewes	1, 2.
Bacon, J. P.	Manchester	1, 6a.
Bain, George	Dundee	1.
Bain, R. L.	Dundee	1.
Baines, Catherina	Metrop. Dist.	1. 2.
Baker, Alfred Rawlings.	Southampton (Hartley Inst.).	1, 2.
Baker, Edmund	Stirling	1.
Baker, Julia	Weymouth and South Kensington.	1, 2.
Baker, L.	Stirling	1.
Baker, Thomas	Training Class	1, 2, 6.
Baldwin, William Henry.	North London	1.
Bale, Edwin	Metrop. Dist.	1, 4, 5, 6a.
Balmford, Hirst	Huddersfield and South Kensington.	1.

List of Persons to whom Art Master's Certificates have been issued up to the end of September 1895—*continued.*

Names of Persons Certificated.	School where previously taught.	Certificates obtained.
Banks, Catherine	Bloomsbury .	1.
Banks, Rosa Isabel.	Wolverhampton and Birmingham.	1.
Banner, A. . .	Liverpool (S.D.)	1, 6, 6a.
Barfield, Lawrence	Leicester . .	1.
Barfield, Thos. Chas.	Leicester (Hastings Street).	1.
Barkas, Henry D.	Bath . .	1, 2, 6.
Barkas, Herbert Atkinson.	Birmingham and Reading.	1.
Barnard, Margaret	Hornsey . .	1.
Barnes, Isabella .	Training Class .	1.
Barnes, Marian L.	Blackheath and New Cross.	1.
Baron, William Leonard.	Barnstaple .	1.
Barrall, Ethel Maud.	South Kensington.	1.
Barrett, Mary .	Metrop. Dist. .	1.
Barrett, Thomas .	Nottingham .	1.
Barry, Sarah .	Training Class	1.
Barton, Wm. B. .	Worcester .	1, 6.
Baskett, C. E. .	Unconnected with the Department.	1.
Baskett, Charles Henry.	Colchester .	1.
Basten, Isaac B. .	Reading . .	1.
Batchelor, Mary Heathcote.	Derby . .	1.
Bateman, Herbert Joshua.	Mile End . .	1.
Baxter, Anne .	Oxford . .	1.
Baxter, Arthur Horace.	Leicester . .	1.
Bayfield, Henry .	Training Class	1, 2.
Bayley, Ralph Horne.	Bromley and Chancery Lane.	1.
Bayliss, Mary Jannette.	Birmingham .	1.
Baynton, Harry .	Coventry and South Kensington.	1, 2, 6.
Beal, Emma .	Training Class .	1.
Beale, Seymour H.	Unconnected with the Department.	1.
Bearcroft, E. S. .	Training Class	1.
Beatson, Ada Evelyn.	Sheffield . .	1.
Bebb, Isabell L. (*See* Perkin).	—	—
Beckett, Fredk. Geo.	Brighton . .	1.
Bedford, Edward John.	Ditto . .	1, 2.
Bedford, George .	Unconnected with the Department.	1.
Begg, James .	Aberdeen . .	1.
Belinaye, Laura de la.	Metropolitan District.	1.
Bell, Agnes Emily	Chiswick and Clapham.	1.
Bell, Isabella .	Birkenhead .	1.
Bell, Percy Frederick Henry.	South Kensington.	1.
Bell, Rhoda Cecilia.	Preston (Harris Inst.).	1.
Bell, Thomas F. .	Belfast . .	1.
Belsten, Charles Edwin	Saffron Hill and New Cross.	1.
Bennett, Agnes .	Training Class	1.
Bennie, Maggie Muir.	Glasgow and South Kensington.	1.
Benny, James .	Training Class .	1.
Benson, Catherine E.	Bloomsbury .	1.
Benson, Charlotte M.	Bloomsbury .	1.
Bentley, John .	Macclesfield .	1, 4, 6, 6a.
Bergan, Fred. .	Bradford (Ch. Inst.).	1.
Berkley, Isabel .	Bloomsbury .	1.
Bernhardt, Carl .	Lancaster .	1.
Berry, Mary Elizabeth.	Edinburgh .	1.
Best, Annie Harriet.	Hull and Training Class.	1.
Bevis, Oliver John	South Kensington and Croydon.	1.
Bibbing, Ernest Howard.	Bristol . .	1.
Bickley, Vinnie .	Plymouth .	1.
Biddle, Edith Ellen.	Birmingham .	1.
Bigelstone, Maria Adelaide.	South Kensington.	1.
Billiatt, Ann Elizabeth.	South Kensington.	1.
Biram, Mary .	Sheffield . .	1.
Birkmyer, James .	Liverpool .	1, 2, 6, 6a.
Black, Amy E. .	Metrop. Dist. .	1, 2.
Black, Francis .	Nottingham .	1, 2, 6.
Black, Francis M.	Dundee . .	1.
Black, William Bruce.	Dundee . .	1.
Blackburn, Sarah	Leeds . .	1.
Blacker, Geo. O. .	Manchester (R.I.)	1.
Blackman, Mary S.	Southampton (Phil. Hall.)	1.
Blair, David .	Birkenhead .	1.
Blizard, Edward .	Spitalfields .	1, 6, 6a.
Boger, Caroline A.	Training Class	1.
Bond, William Herbert.	Brighton . .	1.
Boone, William Alfred.	Hanley . .	1, 2, 4, 6a.
Booth, Samuel Lawson.	Bradford [Tech. Coll.].	1.
Boothroyd, Janet	Southport .	1.
Borrows, Henry .	Newcastle-on-Tyne.	1.
Boswell, Gertrude Glover.	Sheffield . .	1.
Botheras, Richard B.	Unconnected with the Department.	1.
Bowen, W. P. .	Worcester .	1, 2.
Bowler, H. Archer	Metrop. Dist. .	1.
Bowman, John Bustin.	Darlington .	1, 6.
Bowness-Burton, William.	Preston . .	1.
Boyes, William J.	Keighley . .	1.
Brace, Hannah .	Lambeth . .	1.
Bradbury, A. A. .	Leeds . .	1, 2, 6.
Bradbury, Emma L.	Manchester (Cavendish Street).	1.
Bradley, Dora .	Dublin (Met.) .	1.
Bradley, Eleanor	Metrop. Dist. .	1.
Brady, Emmet .	Stirling and Glasgow.	1.
Braithwaite, Emily	Training Class .	1.
Bramley, Alfred Ernest.	York and South Kensington.	1.
Brampton, Herbert	Birmingham .	1.
Branson, Charles Augustus.	Leicester . .	1.
Brearey, Frederick N.	Edinburgh and Elgin.	1.
Brenan, James .	Dublin . .	1, 2, 3, 6a.
Brice, Edward Kington.	Birmingham and Manchester.	1.
Bridge, W. . .	Birmingham .	1.
Bridgman, Alice May.	Kingsland .	1.

List of Persons to whom Art Master's Certificates have been issued up to the end of September 1895—*continued.*

Names of Persons Certificated.	School where previously taught.	Certificates obtained.
Broad, Sophia .	Training Class .	1, 2.
Broad, William .	Tavistock .	1, 2.
Brock, Richard Henry.	Cambridge .	1.
Brook, Helena .	Training Class .	1.
Brooke, Alfred N.	Manchester .	1,
Brookes, Arthur J.	Birmingham .	1.
Brooks, President, John James.	Manchester (Cavendish St.) and Technical Sch.	1, 2, 4, 5.
Brophy, Andrew F.	Limerick . .	1, 6a.
Brophy, N. A. .	Ditto . .	1, 6, 6a.
Brothers, Emily Chaplin.	Canterbury .	1.
Brown, Alex. R. .	Govan . .	1.
Brown, Charles .	Sheffield and Derby.	1, 2, 4.
Brown, Edward Archibald.	Malvern and Training Class.	1, 2, 3.
Brown, Edwin William.	Manchester (Tech. Sch.).	1, 6.
Brown, Frank H.	Coventry . .	1.
Brown, Frederick	Training Class .	1, 2, 3.
Brown, George .	Unconnected with the Department.	1.
Brown, George .	Glasgow . .	1.
Brown, John .	Metrop. Dist. .	1.
Brown, Joseph .	Birmingham .	1.
Brown, Percy .	Ditto . .	1.
Browne, Elizabeth	Training Class .	1.
Browne, Emily A.	Leamington .	1.
Browning, Celestia D.	Ditto . .	1.
Brownsword, John J.	Derby . .	1.
Bruford, Florence M.	Derby . .	1.
Brunton, Arthur Dickinson.	Southport .	1.
Brydall, Robert .	Glasgow . .	1, 2.
Bryden, Robert .	South Kensington.	1, 2.
Buckland, Arthur Herbert.	Taunton and Training Class.	1.
Bucklow, John .	Training Class and Bedford.	1, 6.
Buckmaster, Martin A.	Training Class .	1, 2, 6.
Bullmore, William Edward.	Sheffield . .	1.
Bullock, Ralph .	Newcastle-on-Tyne.	1.
Bulmer, Hubert E.	Bradford (Technical College).	1.
Bunker, Joseph .	Training Class -	1, 2, 6.
Burchett, E. S. .	Metrop. Dist. .	1, 6, 6a.
Burden, George .	Sheffield . .	1, 2.
Burgess, Emily -	Gravesend and Bloomsbury.	1.
Burkinshaw, S. .	Birmingham .	1, 2, 6a.
Burkinshaw, Wm. Hy.	Wakefield .	1.
Burley, Fanny .	Lewes . .	1.
Burley, Joe Daniel Charles.	Canterbury .	1.
Burnand, Victor Wyatt.	Poole, Bournemouth, and South Kensington.	1, 2.
Burnay, Mary A.	Bloomsbury .	1.
Burnett, Eleanor	Birkenhead .	1.
Burns, Young .	Oldham and Manchester.	1.
Burridge, Frederick Vango.	Training Class .	1, 2, 3, 6.
Burrows, Helen Elizabeth Rose.	Devizes . .	1.
Burrows, William Ralph.	Leicester . .	1.
Burt, Arthur .	Brighton . .	1.
Bush, Fanny .	Cardiff . .	1.
Bush, James .	Carmarthen .	1.
Bush, Reginald E. J.	Cardiff and Training Class.	1, 2, 3.
Bush, William .	Carmarthen .	1.
Bushe-Fox, Katherine Louisa Anna	Holloway . .	1.
Busk, William .	Training Class .	1, 2, 6.
Bussell, John A. .	Unconnected with the Department.	1.
Bustin, R. B. .	Metrop. Dist. .	1.
Butcher, Laura .	Wakefield and South Kensington.	1.
Butler, Mary E. .	Training Class	1.
Butter, Robert .	Edinburgh and Perth.	1.
Butterfield, Tom C.	Keighley . .	1.
Butterton, Mary .	Lambeth . .	1.
Buxton, Albert Sorby.	Sheffield and Nottingham.	1.
Bygate, Joseph E.	Durham and Training Class.	1, 2, 6.
Bywater, Elizabeth	Training Class .	1.
Cadness, Henry .	Manchester (Cavendish St.) and Preston.	1, 2.
Cahill, R. S. .	Unconnected with the Department.	1.
Cairns, Robert Dickie.	Dundee (High Sch.).	1.
Caldwell, Alexander.	Kilmarnock .	1.
Callagan, Henry R.	Birkenhead .	1.
Cameron, Julia F.	Training Class .	1,
Campbell, J. A. D.	Metrop. Dist. .	1, 2, 3, [illegible], 6a.
Campbell, James	Kilmarnock .	1.
Cannon, Thomas	Saffron Hill and Clapham.	1, 4.
Capes, Mary .	Training Class .	1.
Carew-Smyth, Ponsonby M.	Belfast . .	1, 2, 6.
Carlill, Stephen B.	Hull . .	1.
Carr, James S. .	Birmingham .	1.
Carrodus, Sam .	Training Class .	1, 6.
Carroll, Elizth. C.	Ditto . .	1.
Carroll, John .	West London .	1 4.
Carruthers, Isabella.	West London and St. Albans.	1.
Carter, David .	Coventry . .	1.
Carter, Edward M.	Bradford (Gram. School) and South Kensington.	1.
Carter, Florence Mary.	Hornsey . .	1.
Carter, Grace .	Training Class .	1, 2.
Carter, Henry .	Coventry . .	1.
Carter, James .	Unconnected with the Department.	1, 2, 3, 6a.
Carter, Mary .	Training Class .	1, 2.
Carter, Mary E. .	Bloomsbury .	1.
Carter, Robert Radcliffe.	Liverpool (N. District).	1.
Carter, Sydney .	Walthamstow .	1.
Cartlidge, George	Hanley . .	1, 2.
Cartlidge, Sam. J.	Burslem .	1, 2, 4.
Cartwright, Thomas.	Macclesfield .	1.
Casabianca, Florence.	Metrop. Dist. .	1, 2.
Caston, Alice .	Training Class .	1, 2.
Catley, William .	Boston . .	1, 6.
Catlow, Geo. S. .	Leicester . .	1.

List of Persons to whom Art Master's Certificates have been issued up to the end of September 1895—*continued.*

Names of Persons Certificated.	School where previously taught.	Certificates obtained.
Catt, George Herbert.	Farnham	1.
Causer, W. G.	Birmingham	1.
Challiss, Charles Augustus.	Sheffield	1.
Chambers, Oswald	South Kensington.	1.
Chance, Jane	West London	1.
Channon, Mary E.	Metrop. Dist.	1, 2.
Chaplin, Marian	South Kensington.	1.
Chaplin, Walter Henry.	Coventry, Training Class and Birkenhead.	1, 2, 6.
Charbonnier, T.	Training Class	1, 6.
Charde, Hugh C.	Cork	1.
Charles, Rebekah C.	Training Class	1.
Charters, Isabella M.	Leicester	1.
Chettoe, Arthur N.	Chancery Lane and St. Martin's.	1.
Child, Catherine Julia.	North London	1.
Childe, Ellen E.	Bloomsbury	1, 2.
Chittenden, Thos.	Training Class	1.
Chrimes, Annie	Warrington	1.
Christie, Faraday H.	Training Class	1.
Clack, Thomas	Coventry	1, 2, 3, 4, 6a.
Clark, James	Training Class	1, 2.
Clark, John	Keighley	1.
Clarke, C. M.	Manchester	1, 2.
Clarke, Emmeline Thornton.	Hornsey and South Kensington.	1.
Clarke, Helen Grace.	Derby	1.
Clarke, Henry Walter.	Birkbeck Institute and St. Martin's.	1.
Clarke, Martha E.	Bloomsbury	1.
Clay, Caroline Annie Matthews.	West Bromwich	1.
Clayson, Cuthbert	Nottingham and Newark.	1.
Clegg, John William.	Burnley and South Kensington.	1.
Cleland, P.	Aberdeen	1.
Clifford, Harry Percy.	Rochester and South Kensington.	1, 2, 6.
Clifton, J. S.	Unconnected with the Department.	1.
Clifton, Tom. E.	Brighton	1.
Clough, Robert	Bradford	1, 6.
Clutterbuck, Florence D. B.	Bath and South Kensington.	1.
Coates, Mary A.	Newcastle-on-Tyne (Corpn. St.).	1.
Coates, William A.	Bromsgrove	1.
Cochrane, Robert	Newcastle-on-Tyne (Corpn. St.).	1, 2, 6a.
Cockburn, Francis Charles James.	Leeds and Wakefield.	1.
Cockburn, John G.	Dundee	1.
Cockerill, Alice Mary.	West London	1.
Coe, William	Islington	1.
Coffey, Rosanna	Training Class	1, 2.
Cole, Hannah	Bloomsbury	1.
Cole, Jessie	Chiswick	1.
Cole, Lætitia M.	Metrop. Dist.	1.
Cole, Thos. Wm.	Training Class	1, 2, 3.
Coles, Fanny Louisa.	Bournemouth	1.
Coles, William C.	Frome	1.
Collier, Bernard C.	Training Class	1, 2, 6.
Collier, Thomas F.	Dublin	1.
Collingwood, Edith J.	Brighton	1.
Collingwood, John Henry.	Goswell Road	1.
Collins, Emma	Liverpool	1.
Collins, W. G. H.	Frome	1.
Collister, Alfred James.	Douglas (Isle of Man) and South Kensington.	1, 6.
Colson, John	Unconnected with the Department.	1.
Colson, Julia	Mile End	1.
Comley, James Walter.	Coventry	1.
Conan, Florence	Dublin (Metropolitan).	1.
Conway, Emily Isabel.	Southampton	1.
Cook, Ethel I.	Birmingham	1.
Cook, John T.	Cheltenham	1. 2. 3.
Cook, Thomas Alfred.	Witton and Manchester (Technical School).	1, 6.
Cooke, Fredk. Wm.	Lincoln	1.
Coole, John Parry	Training Class	1.
Coomber, Ethel Gertrude.	Bristol	1.
Coop, Emma Ellen.	Southport	1.
Cooper, Elizth. M.	Bloomsbury	1.
Cooper, James Robert.	Manchester and South Kensington.	1.
Cooper, William Robert.	South Kensington.	1.
Copley, Henry John.	Sheffield and South Kensington.	1.
Corcoran, Jessie	Bloomsbury	1.
Corfe, Beatrice Olive.	Winchester	1.
Cornish, William P.	Chancery Lane.	1.
Cortissos, Charles	Training Class	1, 4, 6.
Cosbie, W. S.	Liverpool	1.
Courtenay, Mary.	Kenmare	1.
Cowley, Sarah	Brighton	1.
Cox, Caroline E. A.	Training Class	1.
Cox, Elizabeth S.	Coventry	1.
Cox, Octavia Sarah	Bristol	1.
Cox, Thomas	Birmingham	1.
Cox, William	Training Class	1.
Coxeter, Constance Ada.	Bloomsbury	1.
Craig, Williamina Blackburn.	Glasgow	1.
Craigmile, William	Hull	1 6.
Craister, Walter	York	1, 6.
Craston, Frank R.	Manchester (Gram. Sch.)	1.
Cresswell, Frances Anna.	South Kensington and Hereford.	1.
Cronsdale, Elizth.	York	1.
Crocket, Henry Edgar.	Holloway	1.
Cromack, George H.	Stroud and South Kensington.	1
Crook, Thomas Mewburn.	Manchester (Tech. Sch.)	1.

List of Persons to whom Art Master's Certificates have been issued up to the end of September 1895—*continued.*

Names of Persons Certificated.	School where previously taught.	Certificates obtained
Croome, John D.	Unconnected with the Department.	1, 2.
Cross, Bessie .	Plymouth .	1.
Cross, Edith M. .	Training Class .	1.
Cross, Ruth .	South Kensington and Westminster.	1.
Crossley, Fred .	Otley . .	1.
Crowther, William E.	Manchester (Gram. Sch.).	1.
Cruickshank, Isabella Begg.	Aberdeen . .	1.
Cull, Frederick William.	York, Minster Yard.	1.
Cundall, Florence Isabel.	Bristol . .	1.
Curtis, Rosamond F.	Training Class .	1.
Dalgliesh, Theodore.	Coventry . .	1, 2. 3.
Dalglish, Susan Lockhart.	Birkenhead .	1.
Dalladay, James Thomas.	Blackheath .	1.
Dalton, William Bower.	Manchester (Cavendish St.) and South Kensington.	1, 2. 3.
Dandie Alexander	Edinburgh (Male).	1.
Daniell, John B. .	Barrow-in-Furness and South Kensington.	1.
Davey, Florence .	Training Class .	1.
David, Mary R. .	Metrop. Dist. .	1.
Davies, James H.	Manchester .	1.
Davis, Anne E. .	Leeds . .	1.
Davis, Flora .	Metrop. Dist. .	1. 6a.
Davis, James .	Ditto . .	1.
Davison, Mary .	Norwich and Training Class.	1.
Davy, Daniel .	Newcastle-on-Tyne.	1.
Davy, Frederick .	Ipswich . .	1, 6.
Dawson, Caroline	Southport .	1.
Dawson, Charles Frederick.	Shipley . .	1.
Dawson, Fanny A.	North London .	1.
Dawson, Mary Elizabeth.	Shipley . .	1.
Dawson, Robert A.	Shipley . .	1.
Dawson, Robert Barkas.	Bath (Paragon Art Studio).	1, 2, 6.
Deane, Edward E.	Leeds . .	1.
D'Elboux, Elise .	Southampton (Hartley Inst.).	1.
Demaine, George	Bradford (Ch. Inst.).	1.
Dennis, Henry J.	Metropolitan District.	1, 6a.
Denyer, Alfred .	Watford . .	1.
Denyer, Edmund E.	West London .	1, 2.
Dews, Albert Haydn.	Wakefield .	1.
Dickeson, Agnes .	Dover . .	1.
Dickinson, Henry	Training Class .	1.
Dickinson, Maud Elizabeth.	Leicester . .	1.
Dixon, Alfred W. L.	Nottingham .	1.
Dixon, Laurina .	Bloomsbury .	1.
Dodd, Charles T.	Training Class .	1, 2, 3, 6.
Dodgson, Geo. Hy.	Leeds . .	1.
Doidge, Sarah A. .	Bloomsbury .	1, 2.
Dominy, J. S. .	Devonport .	1, 2, 6, 6a.
Donaldson, David	Belfast . .	1.
Donaldson, James Henry.	Edinburgh .	1.
Donaldson, John .	Belfast . .	1.
Donkin, John .	Bradford (M.I.)	1.
Donnan, Robert .	Glasgow (Kent, Road Pub.).	1.
Donne, Walter James.	Leicester . .	1.
Dooley, John Wm.	Warrington .	1.
Douglas, Hilda F.	Dublin (Metropolitan).	1.
Douglas, Robert S.	Dundee . .	1.
Dove, William .	Chesterfield .	1.
Downes, Ada Elizabeth.	Reading and Training Class.	1.
Downes, Annabella	Training Class .	1, 2, 3.
Downton, Mary A.	Chancery Lane and South Kensington.	1.
Drake, Elizth. .	Rochester .	1.
Draycott, Ernest	Chester . .	1, 6.
Drew, Herbert J.	West London .	1.
Drew, James E. .	Reading . .	1.
Druitt, Emily .	Training Class .	1, 2.
Drummond, J. G.	Cork . .	1.
Duckett, William	Preston . .	1, 6.
Duff, William .	Aberdeen .	1.
Duffield, John R.	Birmingham .	1, 2.
Duncan, Elizabeth Miller.	South Kensington and Bayswater.	1.
Duncan, Emily .	Training Class .	1.
Duncan, W. S. .	Dundee . .	1, 6, 6a.
Dundas, James .	Ditto . .	1, 2, 6, 6a.
Dunlop, Jas. M. .	Kilmarnock and Training Class	1, 2, 6.
Durn, Thomas D.	Dundee (High School).	1, 6.
Durrant, Ella R. .	Training Class .	1.
Du Vé, Augusta Mary.	Holloway and South Kensington.	1.
Earle, Emily .	Training Class .	1.
Earles, Frederick R.	Durham . .	1, 2.
East, W. H. .	Ditto . .	1, 2.
Easten, George T.	Newcastle-on-Tyne (Diana Street).	1.
Easterfield, Fanny Harriet.	Bloomsbury .	1.
Eavestaff, Anna .	Durham . .	1.
Edgley, Sarah J. .	Metropolitan District.	1.
Edwards, Catherine.	Ditto . .	1.
Edwards, Edith H.	Kingsland .	1.
Edwards, Ellen .	Scarboro' . .	1.
Edwards, John .	Dunfermline .	1, 6a.
Edwards, Louisa Ellen.	Lambeth and South Kensington.	1.
Edwards, Maria .	Metropolitan District.	1.
Elgood, George S.	Training Class .	1, 6.
Ellingworth, Kate	Leicester . .	1.
Elliott, George H.	Bradford (Gram. Sch.).	1.
Elliott, John William.	Preston . .	1.
Elliott, Rebecca .	Bradford (Gram. Sch.).	1.
Ellis, Alice B. .	Bloomsbury .	1, 2.
Elsworth, Alfred .	Leeds . .	1.
Elton, Edgar A. .	Training Class .	1, 2, 4, 6.
Elton, Samuel .	Metropolitan District.	1, 6a.
Emans, Frank .	Maidenhead .	1.
Englefield, Arthur	Training Class	1, 2.
Escott, Kate .	Ditto . .	1.
Eva, Charles Andrew.	Penzance and South Kensington.	1, 2.

List of Persons to whom Art Master's Certificates have been issued up to the end of September 1895—*continued.*

Names of Persons Certificated.	School where previously taught.	Certificates obtained.
Evans, Jacob G. H.	Unconnected with the Department.	1.
Evans, Sarah Jane	Training Class	1, 2.
Fall, George	York	1.
Fanshaw, Edwin.	Rotherham	1.
Fanshaw, John	Sheffield and Rotherham.	1.
Farman, Agnes Ethel.	Leicester	1, 2.
Farncombe, Hy.	Brighton	1, 6.
Farran, John H.	Manchester (Gram. Sch.).	1.
Farrow, William J.	Kingsland and Hornsey.	1.
Faure, Eugénie	Training Class	1.
Ferguson, Wm. J.	Cheltenham	1.
Ferrier, R. E.	Metropolitan District.	1.
Finn, Herbert J.	Dover	1.
Finnie, John	Newcastle	1, 2, 6a.
Fish, Evelyn	Training Class	1.
Fisher, Alfred	Unconnected with the Department.	1.
Fisher, Amy	Training Class	1, 2.
Fisher, Ellen	Ditto	1.
Fisher, George Penton.	Brighton, Bristol, and South Kensington.	1, 2, 6.
Fisher, John	Bristol	1.
Fisher, Maud C.	Bristol	1.
Fitton, Ernest	Heywood Co-op. Soc. and Manchester (Cavendish St.).	1, 2.
Fitton, William E.	Rochdale	1.
Fletcher, Amy Elizabeth.	Holloway	1.
Fletcher, Mary A.	Training Class.	1.
Flooks, Eleanor	Devizes	1.
Flower, Charles Edwin.	South Kensington.	1.
Flowerdew, Charles Edwin.	Training Class and Kidderminster.	1, 2.
Flowerdew, Mary Anne.	Nottingham	1.
Ford, Bessie	Training Class	1.
Ford, Charles Edwin.	Stroud	1.
Ford, James	Penzance	1, 2, 4, 6, 6a.
Forge, Charlotte	South Kensington.	1.
Fortescue, Wm. B.	Birmingham	1.
Foster, William	Manchester	1, 6a.
Fotheringham, Wm. S.	Aberdeen	1.
Foulds, John	Shipley	1.
Fowler, Arthur	Birmingham	1.
Fox, George A.	Leeds	1.
Fraser, Edward	Edinburgh	1.
Fraser, Edw. A.	Dublin	1, 6.
Fraser, John P.	Aberdeen	1, 2, 3, 6, 6a.
Fraser, John S.	Dundee	1.
Freed, Mary Anne	Metropolitan District.	1.
Freeth, Walter	Birmingham	1, 6.
French, Florence H.	North London	1.
Fridy, Thos. E.	Training Class	1.
Fripp, Henry Charles Innes.	Bristol and Training Class.	1, 2, 3.
Fry, Albert A.	Southampton (Hartley Inst.).	1.
Fuge, Walter	South Kensington and Taunton.	1.
Furlong, Marianne M.	Blackheath and New Cross.	1.
Fussell, Fred. R.	Nottingham	1.
Galli, Luigi	Training Class	1.
Gallimore, S.	Stoke	1, 6.
Galpin, Percy Ethelbert.	Banbury	1.
Gamon, John	Sunderland	1.
Gann, Louisa	Training Class	1.
Gardenner, Frederick John.	Swansea	1.
Garland, F. W.	Liverpool (S. D.)	1.
Garratt, Margaret Archer.	Stoke Newington and Kingsland.	1.
Garthside, Emma	Liverpool	1.
Gaskell, Geo. Percival.	Ilkley	1.
Gates, William Henry.	Wolverhampton	1.
Gear, Arthur H.	Training Class	1.
Gee, Lucy	Bloomsbury	1.
Geoffroi, Henry	Unconnected with the Department.	1.
George, Arthur Herbert.	Bradford	1.
George, Jessie Louisa.	Holloway (Camden Sch. of Art).	1.
Georges, Charles Edward.	Brighton	1, 2.
Gibbon, Amelia F.	Training Class	1.
Gibbons, Arthur.	Brierley Hill	1.
Gibbons, Edward	Training Class	1, 2, 4.
Gibbons, Emmeline.	Cirencester	1.
Gibbons, Francis	Ditto, W. Bromwich and Birmingham.	1, 2.
Gibbons, Owen	Gloucester	1.
Gibbs, Charlotte	Metropolitan District.	1.
Gibbs, Herbert E.	Birmingham	1.
Gibbs, John Binney.	Training Class	1, 2.
Gibbs, Thomas Binney.	Liverpool and Darlington.	1.
Gilbert, H.	Metropolitan District.	1, 6a.
Gilbert, Walter Henry.	Rugby	1.
Gilbert, William H.	Training Class	1.
Giles, Fanny Edith.	Bloomsbury	1.
Gill, Edwin R.	Leeds	1, 2, 6.
Gill, Harry P.	Brighton	1, 2, 3, 6.
Gillman, Edith Jane.	Canterbury and South Kensington.	1.
Gillo, Robert	Bath	1, 6, 6a.
Ginn, Gertrude Mary.	Hertford	1.
Gladwell, Allen Robert.	Maidenhead	1.
Glanvill, Jane Banks.	Manchester	1.
Glazier, Richard	Halifax and Manchester (Tech. Sch.).	1, 2, 4, 6.
Gledhill, James	Manchester Gram. Sch. and Central Bd.	1.
Glover, Lavinia Octavia.	Training Class	1.
Glover, Lucy Ann	Coventry	1.
Godfrey, Lizzie	Training Class	1.
Godwin, Mary	Ditto	1.
Gollins, Ormond Edwin.	Birmingham	1.

List of Persons to whom Art Master's Certificates have been issued up to the end of September 1895—*continued.*

Names of Persons Certificated.	School where previously taught.	Certificates obtained.
Goodall, Walter	Heckmondwike and Bradford.	1.
Goodwin, Rosetta	Maidstone	1.
Gordon, Alexander	Glasgow	1.
Gordon, John	Aberdeen	1.
Gordon, William.	Aberdeen	1.
Goshawk, Louisa G.	South Kensington.	1.
Goss, Florence	Holloway	1.
Gourlie, Agnes B.	Training Class	1.
Gourlie, Edith	Ditto	1.
Gowans, George R.	Aberdeen	1.
Grace, Harriette E.	Brighton	1.
Granger, John	Glasgow	1.
Gray, Claude William.	Training Class	1, 2, 6.
Gray, George	Ditto	1.
Gray, James	Kilmarnock and Glasgow.	1.
Gray, John Y.	Dundee	1.
Gray, Thomas	Unconnected with the Department.	1, 6a.
Green, Charlotte S.	. . . . .	1.
Green, Edith M.	West Bromwich	1.
Green, Georgiana M.	Wakefield	1.
Greenhill, Mary E.	Training Class	1.
Greenwood, Edwin.	Kidderminster	1, 2, 3, 6.
Greeves, Agnes	Training Class	1.
Gregory, Chas.	Wolverhampton	1.
Gregory, Frederick William.	Bath	1.
Grierson, Fanny	Training Class	1.
Griffin, Frank	Glasgow and South Kensington.	1, 2, 4, 6.
Griffiths, John	Metropolitan District.	1, 2, 4, 6.
Griffiths, Richard	Carnarvon	1, 6a.
Griffiths, W. T.	Unconnected with the Department.	1, 6, 6a.
Gröne, Ferdinand E.	Ditto	1.
Groves, Robert Emmanuel.	Leicester (Hastings Street).	1.
Grubb, Alexander G.	Dundee	1.
Grubb, David S.	Ditto	1.
Grubb, Wm. M.	Ditto	1, 2, 3, 6.
Grünewald, Samuel E. A.	Manchester (Cavendish Street).	1.
Guest, Agnes Winefred.	West London and Training Class.	1, 2.
Guillod, Bessie	Bloomsbury	1.
Gulley, Catherine Biggs.	Bristol (Queen's Road).	1.
Gunn, Archibald.	Unconnected with the Department.	1.
Guy, Olivia	Training Class	1.
Hackford, Mary S.	Lambeth	1. 2.
Hagreen, H. B.	Unconnected with the Department.	1, 6a.
Hagren, H. W. O.	Training Class	1.
Haigh, Edwin	Barnsley	1.
Haines, Agnes E.	Training Class	1. 2.
Hale, Emily M.	Devizes	1.
Hale, John Howard	Farnham	1, 2.
Hale, Robert	Training Class	1, 2, 6a.
Haley, Wm. Thos. Herbert.	Bradford (Tech. College) and South Kensington.	1, 2.
Hall, Julia G.	Training Class.	1.
Hall, Fanny	Ditto	1.
Hall, Kate Annie	Birmingham	1.
Hall, Philip	Durham	1, 2, 6.
Hallett, Thomas I.	Bath	1.
Hamer, John James.	Rugby and Training Class.	1, 2.
Hamilton, Gertrude E. M.	Bloomsbury	1.
Hammond, Nina C.	Training Class	1.
Hancock, Ellen J.	Bloomsbury	1.
Hancock, Mary Elizabeth.	Coventry and South Kensington.	1.
Hankey, William Lee.	Chester and South Kensington.	1, 2, 6.
Hannay, Olive Maud.	Lambeth and Training Class.	1.
Hanrott, Katherine.	Training Class	1.
Hanslip, Alice	Ditto	1.
Harbutt, William	Ditto	1, 2, 4, 6.
Hardess, Maria	Metropolitan District.	1, 2.
Hare, George	Limerick	1, 2.
Harley, George W.	Slough	1, 2, 6.
Harley, R.	Unconnected with the Department.	1, 2, 3.
Harris, Edith H. S.	Bloomsbury	1.
Harris, Frederick	Lincoln	1.
Harris, Joseph	Nottingham	1, 2.
Harris, Robert	Manchester and Salisbury.	1, 2.
Harrison, Brooking A. W.	Brighton	1.
Harrison, Edith Augusta.	South Kensington.	1.
Harrison, J. C.	Leeds	1.
Harrison, Jessie	Training Class	1.
Harrison, Joseph	Nottingham	1.
Harrison, Margaret Ellen.	Birmingham	1.
Harvey, Clara	Leicester	1.
Harvey, Edith	Leicester	1.
Harwood, Arthur	Huddersfield and Bradford (Gram. Sch.).	1.
Hastwell, Benjamin C.	Saffron Hill and St. Thomas, Charterhouse.	1.
Hatton, Richard George.	Birmingham	1.
Havell, C. Maud M.	Reading	1.
Havell, C. R.	Unconnected with the Department.	1.
Havell, Ernest B.	Reading	1, 2, 4.
Hawcroft, Ellen H.	Sheffield	1.
Hawkes, Francis.	Swansea	1.
Hawkins, Agnes M.	Training Class	1.
Hawkins, John	Devonport	1.
Hay, Helen Anne	Edinburgh	1.
Hay, James	Birkenhead	1.
Hay, John	Unconnected with the Department.	1.
Hayden, E.	Warrington	6a.
Hayes, Gertrude Ellen.	South Kensington.	1.
Hayne, Isabella C.	Hornsey	1.
Haynes, Louisa	Birmingham	1.
Haynes, Mary A.	Manchester (Cavendish Street).	1.
Hays, Mary	Kidderminster	1.
Haywood, George	Leicester	1.

List of Persons to whom Art Master's Certificates have been issued up to the end of September 1895—*continued.*

Names of Persons Certificated.	School where previously taught.	Certificates obtained.
Head, Frances	Liverpool and Manchester.	1.
Head, William H.	Training Class	1.
Healy, James	Dublin	1.
Heard, Nathaniel	Bideford and South Kensington.	1.
Heath Margaret A.	Gloucester	1, 2.
Heazle, William	Cork	1.
Heise, Emily S.	Birkenhead	1.
Helmore, Alice Mary.	Bristol, Queen's Road, and Merchant Venturers'.	1.
Hennings, Susette	Swansea	1.
Hentsch, Emily M.	Bloomsbury	1.
Hepworth, Walter	Leicester	1.
Heritage, Alice Ellen.	Coventry	1.
Heron, Halkerston Paul.	Training Class	1.
Hewitt, Alfred E.	Birmingham and Training Class	1.
Hewitt, William Robert.	Leamington and South Kensington.	1.
Hey, William H.	Keighley	1.
Higginbotham, Dora.	Training Class.	1.
Higgins, William Albert Alexander.	Birmingham	1.
Higgs, Margaret H.	Ditto	1.
Hill, Annie E. G.	Birmingham	1.
Hill, Henry.	Birmingham	1.
Hill, Henry.	Cardiff	1.
Hill, John	Warrington	1, 6, 6a.
Hill, Joseph	Training Class	1, 2, 6.
Hinchcliff, Emma H.	St. Thomas Charterhouse and Training Class.	1, 2.
Hinton, Adaline C.	Bloomsbury	1.
Hipkins, Edith T.	Training Class	1.
Hipwood, Sarah	Metropolitan District.	1, 2.
Hiscox, Geo. D.	Slough	1.
Hitchcock, Joseph	Blackheath	1.
Hobson, Mabel Emily.	Training Class	1.
Hochgürtel, Josef	South Kensington.	1, 4.
Hodder, Albert	Training Class	1, 2.
Hodder, Charles D.	Metropolitan District.	1, 2.
Hodge, Alma B.	Training Class	1, 2.
Hodges, Charles M.	Ditto	1, 2, 3.
Hogg, Henry Arthur.	Kendal and South Kensington.	1.
Holden, Paul	Manchester (Gram. Sch.) and West Kensington, St. Paul's.	1.
Holgate, Joseph	Westminster, R.A.M.	1.
Holland, Gertrude	Bloomsbury	1.
Holland, Thos.	Halifax	1.
Holmes, Isaac Horatio.	Shipley	1.
Holmes, Lillie Elizabeth.	Warrington and Manchester.	1.
Holmes, Margaret	Norwich	1.
Holmes, Thomas.	Dublin	1, 2, 6a.
Holt, Anna J.	Training Class	1.
Holt, Mary Ann	Metropolitan District.	1.
Holt, William Edmund.	Burnley	1, 6.
Home, Emily G.	Training Class	1.
Homewood, Florence M.	Saffron Hill and New Cross.	1.
Hone, Alfred	Unconnected with the Department.	1, 4.
Hooper, George Herbert.	South Kensington.	1.
Hope, Linton	Brighton	1.
Hopkinson, Anne E.	Bloomsbury	1.
Horncastle, Jane.	Training Class	1, 2.
Horsford, F. F.	Cork	1, 2.
Horwill, James Hughes.	Training Class	1.
Hoskyn, Mary G.	West London	1.
Houghton, Edith Mary.	Kendal and South Kensington.	1.
Howard, Charles Thomas.	Boston	1.
Howard, Vernon	Metropolitan District.	1, 2, 6a.
Howarth, William Henry.	Liverpool	1.
Howe, Daniel	Saffron Hill	1.
Howell, Ada Mary	North London	1.
Howell, Constance E.	Training Class	1.
Howells, Howard	Gloucester and Lydney.	1.
Howie, Lily	Southport	1.
Huckvale, Elizth.	Leeds	1.
Hudson, Claude Wm. Smith.	Training Class	1, 2.
Hudson, Henry	Ditto	1, 2, 6.
Hughes, Catherine E.	Sheffield and Bristol (Kensington House).	1.
Hull, Clementina	Training Class	1.
Hull, Susanna E.	Metropolitan District.	1.
Hulme, Fred. E.	Ditto	1, 6, 6a.
Hulme, Robert C.	Ditto	1, 6a.
Humphreys, Jane	Ditto	1.
Hunter, Ada	Training Class	1.
Hunter, Annie	Ditto	1.
Hunter, Elizabeth A. M.	Dundee	1.
Hunter, Jessy	Carmarthen	1.
Hunton, Charlotte Elizabeth.	Torquay	1.
Hutchings, John Hanmer.	Chester	1.
Hutton, David C.	Dundee	1.
Hyland, Flora	South Kensington.	1.
Ierson, Agnes E.	Bloomsbury	1.
Illingworth, Adeline Sarah.	Halifax and South Kensington.	1.
Illston, Geo. A.	Sheffield	1.
Ingall, John S.	Barnsley	1, 2.
Ingles, George S.	Hawick	1.
Inskipp, Janet	Unconnected with the Department.	1.
Ireland, Samuel J.	Training Class	1, 6.
Irvine, Georgina	Edinburgh	1.
Ixer, Henry H.	West London	1.
Jack, Wm. G.	Dundee	1.
Jackson, Arthur	Macclesfield and South Kensington.	1, 2, 6.

List of Persons to whom Art Master's Certificates have been issued up to the end of September 1895—*continued.*

Names of Persons Certificated.	School where previously taught.	Certificates obtained.
Jackson, Arthur John.	West Bromwich	1.
Jackson, Ben Leslie.	Halifax and South Kensington.	1, 2.
Jackson, Emily	Training Class	1.
Jackson, Emily E.	Ditto	1, 2.
Jackson, F. G.	Birmingham	1, 2, 3.
Jackson, John William.	Leeds	1.
Jackson, Joshua	Manchester (Gram. Sch.).	1.
Jackson, Richard	Manchester (R. Inst.).	1.
Jacob, Alice	Dublin (Metropolitan).	1, 2.
Jacques, Albert Stanley.	Derby and Melbourne.	1.
Jagger, Wilson	Bradford	1.
Jago, Charles S.	Plymouth	1.
Jago, Ellen M.	Ditto	1.
Jahn, Albert Carl Christian.	Hanley and Training Class.	1, 2, 3.
James, Margaret Ellen.	Bath and Bristol.	1.
James, Philip	Training Class	1, 2.
Jaquet, Cecilia	Training Class	1.
Jeffery, Annie	Bloomsbury	1.
Jefford, John A.	Training Class	1.
Jelley, James V.	Birmingham	1, 2.
Jennings, Mary J.	Ditto	1.
Jennings, Reginald George.	South Kensington.	1.
Jewsbury, Margaret Amy.	Southport	1.
Jobbins, William H.	Birmingham	1, 2, 6.
Johnson, Annie	Metropolitan District.	1.
Johnson, Edith	South Kensington and Chiswick.	1.
Johnson, George Fredk. William.	Belfast	1, 2.
Johnson, Louisa Hannah Kate.	Nottingham	1.
Jones, Albert	Leeds	1.
Jones, Anna	Leicester and Torquay.	1.
Jones, Charles Edwin.	Warrington	1.
Jones, David	Carmarthen	1,2,6,6a.
Jones, Harry	Tiverton	1.
Jones, Hugh Churched.	Liverpool (So. District).	1.
Jones, Marion E.	Leicester and South Kensington.	1.
Jones, William	Manchester (Cavendish St.).	1.
Jones, William	Training Class	1, 2, 6.
Jordan, Joseph Thomas Tiel.	Gloucester	1.
Jowett, Clara	Shipley	1.
Joyce, Mary	Dover	1.
Judd, Florence	Training Class	1.
Jukes, Mary Catherine.	Holloway (Camden).	1.
Julyan, Mary	Metropolitan District.	1, 2, 3.
Kean, Joseph A.	Aberdeen	1, 2, 3, 6.
Kean, William M. R.	Leek	1.
Keane, James	Adelaide, S.A.	1.
Keeling, Frances Mary.	Devizes	1.
Kelt, Frederick John.	South Kensington and Clapham.	1.
Kelly, Edwin J.	Macclesfield	1, 6, 6a.
Kemp, John	Cork	1, 2, 6a.
Kemp, Minna	Training Class	1, 2.
Kemp, Mrs. A.	Ditto	1.
Kennaway, Charles G.	Dundee	1, 2, 6.
Kennedy, James.	Dublin	1,4,6,6a
Kennedy, John	Ditto	1, 2, 6a.
Kennedy, Joseph	Ditto	1, 6, 6a.
Kent, Alice	Upton-on-Severn.	1.
Kenworthy, Esther.	Training Class	1.
Kenyon, J.	Saltaire	1.
Kerr, Thomas	Training Class	1.
Ketelbey, George Henry.	Birmingham	1.
Keyworth, Annie	Reading	1.
Kilpin, Legh Mulhall.	West London and Training Class.	1, 2.
King, Charles O.	Training Class	1.
King, Henrietta M. L.	Brighton	1.
King, Jas. J. F. X.	Glasgow	1.
King, Lydia B.	North London	1.
Kinton, Ada Florence.	Training Class	1.
Kitley, Leonard	Bath	1.
Kitson, Catharine Mary.	Bloomsbury	1.
Knight, J. P.	Metropolitan District.	1.
Knight, Joseph	Manchester (Gram. Sch.).	1.
Knight, William G.	Warrington and Training Class.	1, 2, 3.
Knight, William Henry.	Birmingham and Training Class.	1, 2.
Knox, Archibald	Douglas (Isle of Man).	1.
Koszelski, Jessie A.	Bloomsbury	1.
Kyle, John	Hawick	1.
Lacy, Leonard	Training Class	1.
Laing, Isabelia	Ditto	1.
Lake, Gertrude	Manchester (Cavendish St.).	1.
Lanchester, Mary	Brighton	1.
Langman, Andrew W. F.	Ditto	1, 2, 3, 6.
Larking, Mary H.	Metropolitan District.	1, 2.
Lattimer, James	Manchester (Cavendish Street).	1, 2.
Lauder, Peter D.	Dundee	1.
Lawson, Herbert Alfred.	York (Minster Yard).	1.
Lee, John	Darlington and Training Class.	1, 2, 6.
Lee, John Rufus	Burnley	1.
Lee, Mary H.	Liverpool	1.
Lees, Herbert	Metropolitan District.	1, 2, 6a.
Legge, Arthur	Glasgow	1.
Leighton, Alice Maud.	North London	1.
Leipner, Helen Georgina.	Training Class	1.
Lenfestey, Giffard H.	South Kensington.	1.
Lessels, James	Kirkcaldy and Montrose.	1.
Lester, Alice Louisa.	Bloomsbury	1.
Letts, Edith Maude.	Chiswick and South Kensington.	1.

List of Persons to whom Art Master's Certificates have been issued up to the end of September 1895—*continued.*

Names of Persons Certificated.	School where previously taught.	Certificates obtained.
Lewis, Alfred	Leicester	1, 2, 6.
Lewis, Florence	Lambeth	1.
Liddell, Ralph Walter.	Gateshead	1.
Light, Ernest William.	Winchester and Southampton.	1.
Lilley, Catherine Ann.	Birmingham	1.
Lilley, William	Manchester (Gram. Sch.).	1, 2.
Lindsay, Thos. M.	Liverpool S.D.	1, 6.
Lindsey, Saml. Arthur.	South Kensington.	1.
Lineham, Wilfred J.	Leeds	1.
Linnell, Thomas	Nottingham	1.
Llewellyn, Samuel H. W.	Cirencester	1, 2, 6.
Lloyd, Edith	South Kensington.	1.
Lloyd, Jeremiah A.	Training Class	1.
Lloyd, John A.	Sheffield	1.
Lloyd, Mary Isabel	Bristol	1.
Lobley, Arthur Lister.	Bradford (Gram. Sch.).	1.
Lock, Henry H.	Metropolitan District.	1, 4, 6.
Lockwood, George John Benjamin.	Plumstead and Blackheath.	1.
Löhr, Gertrude M.	Bloomsbury	1.
Lones, Thomas Sutton.	Birmingham	1.
Long, Louisa	Liverpool, S.D.	1.
Longmaid. Wm. Henry.	Southport	1.
Lord, John	Dublin	1, 6a.
Lord, William Henry.	Peterborough and South Kensington.	1, 6.
Lovell, Martha S.	Bloomsbury	1.
Lovell, Sarah	Ditto	1.
Lovering, Ida	Ditto	1.
Lowenthal, Dora L.	Bristol and Training Class.	1, 2, 3.
Lowne, Jos. J.	Training Class	1.
Lowson, Lizzie Imrie.	Dundee	1.
Lugar, Ethel Marion.	Derby	1.
Luke, Frederick	Tavistock	1, 2, 6.
Lunn, Richard	Sheffield	1.
Lushington, Alice	Tavistock	1.
Lydon, Frederick Fitzgerald.	Kingsland	1.
Lynch, Francis	Burnley	1.
Lyne, Robert E.	Unconnected with the Department.	1,2,3,6a.
Lyons, Agatha S.B.	Training Class	1.
Lyons, Thomas	Ditto	1.
Macarthur, Blanche.	Bloomsbury	1.
Macey, Annie F.	Ditto	1.
McCann, John Patrick.	Aberdeen	1.
McClure, Joseph Crosland.	Manchester (Cavendish St.).	1.
M'Cloy, Samuel	Belfast	1.
McCulloch, Mary Miller.	Kilmarnock and Glasgow.	1.
Macdonald, Alexr.	Dundee	1,2,3,6,6a.
McGee, Mary A.	Dublin	1.
McGill, David	Kilmarnock	1, 2, 3.
McGill, W. M.	Dudley	1,2,6,6a.
MacGregor, Sarah	Training Class	1, 2.
McHoull, Rob. P.	Kilmarnock	1.
McIntosh, Richard.	Falkirk	1.
McKeggie, Thomas	Aberdeen and Training Class.	1, 2.
Mackenzie, Elizabeth F.	North London	1.
Mackinlay, Duncan.	Glasgow	1.
McLaurin, James N.	Glasgow and Coatbridge.	1.
McLellan, Christina.	Bradford (Church Inst.).	1.
McLelland, Robert S.	Bradford (Church Inst.).	1.
McMiun, Jane K.	Training Class	1.
McNaught, Alexander.	Kilmarnock	1.
Maddison, John	Middlesbrough and Stockton-on-Tees.	1.
Maggs, Catherine	South Kensington.	1.
Mahir, Thomas	Manchester	1.
Maitland, Paul Fordyce.	Training Class	1.
Malcolm, Geo.	Dundee	1.
Manly, Alice E.	Bloomsbury	1.
Manly, Eleanor E.	Ditto	1.
Mansell, Marianne	Training Class	1.
Marle, Henry	Birmingham	1.
Marples, George	Derby	1.
Marriott, Elizabeth B.	Blackburn	1.
Marriott, Frederick.	Gravesend	1.
Marsh, Isabel	Training Class	1, 2.
Marsh, Virginia	Ditto	1.
Marshall, Annie Elizabeth.	Brighton and South Kensington.	1.
Marshall, Margaret Annie.	Cheltenham	1.
Marten, Charles Theodore.	Hawick	1.
Marten, Elliott Haigh.	Ilkley	1.
Martin, Sophie Frederica.	Birmingham and Bath.	1.
Martin, William James.	Bayswater and South Kensington.	1.
Martineau, Edith Marie.	Training Class	1.
Marwood, David	Ditto	1.
Mason, Alfred W.	Ditto	1.
Mason, Edith Mary	Ditto	1, 2, 3.
Mason, Fredk.	Birmingham	1.
Mason, Henry W.	Lambeth	1.
Massey, Henry G.	Training Class	1.
Masterman, Mary Rachel.	Wakefield	1.
Mateaux, Clara	Metropolitan District.	1.
Matthews, Andrew	Hereford and South Kensington.	1, 2.
Mawson, Clarence	Bradford Tech. Coll.	1.
Mawson, Rose Ellen.	Sheffield	1.
Mayers, Ada Rose	South Kensington.	1.
Maynard, Harriett	Bloomsbury	1.
Mayne, Arthur J.	Dublin	1.
Meaden, Lewis	Brighton	1.
Menzies, John	Aberdeen	1,2,6,6a.
Menzies, John Thomas.	Hull	1.
Menzies, Maria	Wakefield	1.
Merritt, Wm. J.	Gloucester	1, 2, 4.

List of Persons to whom Art Master's Certificates have been issued up to the end of September 1895—*continued.*

Names of Persons Certificated.	School where previously taught.	Certificates obtained.
Middleton, William	Tavistock and Plymouth.	1.
Midforth, Charles H.	York . .	1.
Midgley, William Charles.	Birmingham .	1.
Milburn, William	Sunderland .	1.
Miles, Alice P. .	Training Class .	1.
Miles, John T. .	Dublin . .	1.
Millar, Charles B.	Kilmarnock .	1, 2, 3, 6.
Millard, Charles S.	Training Class .	1, 2.
Millard, W. J. N.	Leeds . .	1.
Miller, Annie D. .	Newcastle-on-Tyne.	1.
Miller, James .	Aberdeen . .	1, 6, 6a.
Milligan, Thomas Rodger.	Glasgow, Haldane Acad. and High Sch.	1.
Mills, Eliza . .	Metropolitan District.	1, 2.
Mills, Louisa M. .	Leeds . .	1.
Milmine, Frederick William.	Nottingham .	1.
Milne, James .	Aberdeen . .	1.
Milner, James H.	Huddersfield .	1.
Milnes, William Henry.	Wakefield and Training Class.	1, 2, 6.
Minns, F. . .	Birkenhead .	1.
Minns, Fanny Mary.	Unconnected with the Department.	1.
Moffat, John .	South Kensington, Falkirk, and Glasgow.	1.
Moffatt, Annie L..	Training Class .	1.
Moffatt, Frederica	Ditto . .	1, 2.
Molyneux, Anne E.	Bloomsbury .	1.
Moore, Jennie .	Ditto . .	1.
Moore, John Wilson.	Birmingham .	1.
Moore, Joseph .	Newcastle-on-Tyne.	1.
Moore, Mary K. .	Bristol . .	1.
Moore, Mary W. .	Preston . .	1.
Morgan, Alfred Kedington.	South Kensington.	1.
Morgan, Charles .	Birmingham .	1.
Morris, Charles Dudley,	Haverfordwest	1.
Morris, Helena .	Gloucester .	1.
Morris, Isaac Hammond.	Sheffield . .	1.
Morse, William .	Birmingham .	1.
Morton, George .	Newcastle-on-Tyne.	1, 2, 3.
Morton, William.	Sunderland .	1.
Moxon, Alice .	Training Class	1.
Muckley, Wm. J..	Birmingham .	1,2,3,6a.
Muckley, William Raphael.	Manchester .	1.
Muir, Jessie .	Training Class .	1.
Müller, Hilda .	Ditto . .	1.
Mulligan, Jas. A..	Unconnected with the Department.	1, 6a.
Mulligan, Walter A.	Walsall . .	1, 2, 6.
Munnoch, John .	Falkirk . .	1.
Murphy, Samuel J.	Unconnected . with the Department.	1.
Murray, David Scott.	Dundee . .	1.
Murray, George .	Edinburgh .	1.
Nairn, Frederick C.	Glasgow and Dumbarton.	1.
Napper, Harry .	Bournemouth .	1.
Nelson, George .	Liverpool . .	1.
Nesbitt, Sidney .	Boston . .	1.
Ness, James .	Perth, Dundee (High School), and South Kensington.	1, 2, 6.
Nevett, John C. .	Exeter . .	1.
New, Ada Lizzie V.	North London .	1.
Newbery, Francis H.	Bridport . .	1, 2, 6.
Newey, Harry Foster.	Birmingham .	1.
Newman, Catharine M.	Bloomsbury .	1.
Newman, Ellen Maud.	Hastings . .	1.
Newton, Florence Emily.	Kingsland .	1.
Newton, Frances H.	Bloomsbury .	1.
Newton, George .	Unconnected with the Department.	1, 2, 3.
Newton, Gertrude Anne.	Bristol and South Kensington.	1.
Nichols, Alfred .	Metropolitan District.	1, 2, 3, 4, 6a.
Nicholson, Rich. E.	Halifax . .	1.
Nightingale, Edward Samuel.	Training Class.	1.
Nightingale, Leonard C.	Lambeth . .	1, 2, 5.
Nisbet, Ethel C. .	Bloomsbury .	1.
Noble, James .	Edinburgh .	1.
Norman, Marianne	South Kensington.	1.
Norris, William .	Gloucester .	1, 2, 6.
Norton, Harriette Rebecca.	Cheltenham .	1.
Notley, Robert P.	. . .	1.
Noyes, H. J. .	Unconnected with the Department.	1.
Nunn, Rosa C. .	Stockport .	1.
Nutt, Mark .	Birkenhead .	1.
Nyren, Alice .	Bloomsbury .	1.
Oakey, Eliza E. .	Preston . .	1.
Oakley, Herbert Colborne.	Southampton and South Kensington.	1.
Offord, Gertrude Elizabeth.	Norwich . .	1, 2.
Offord, John .	Unconnected with the Department.	1.
Ogden, Agnew Joseph Thomas.	York . .	1.
Ogden, Joseph .	Burnley . .	1.
Orchard, Thomas Edward.	Banbury . .	1.
Ornsby, William G.	Newcastle-on-Tyne.	1.
Orton, Joseph .	Manchester (Cavendish St.).	1, 2.
Osman, Emma L.	Training Class .	1, 2, 3
Osmond, Wm. Hy.	Tiverton and South Kensington.	1, 2.
O'Sullivan, Patrick.	Cork . .	1.
Owers, Joseph Arthur.	North London .	1.

List of Persons to whom Art Master's Certificates have been issued up to the end of September 1895—*continued.*

Names of Persons Certificated.	School where previously taught.	Certificates obtained.
Paddock, William	Dundee and Glasgow.	1.
Page, Minnie	Weston-super-Mare.	1.
Page, Theodore	Birmingham	1.
Palmer, Alfred	York	1.
Park, George Harrison.	Edinburgh (Male).	1.
Park, John	Training Class	1, 2, 3.
Parker, Caroline M.	Sheffield	1.
Parker, Catherine	Stratford	1.
Parker, John	Birmingham	1, 2, 3, 6a.
Parkinson, Amelia	Training Class	1.
Parkinson, William E.	Chester	1.
Parkyn, John H. P.W.	Bristol and Training Class.	1, 2, 3, 4, 5.
Parsons, Herbert L.	Bath	1.
Parton, George	Birmingham	1.
Pattinson, Florence	Macclesfield and Manchester (Cavendish St.).	1.
Pawlyn, Margaret Dora.	South Kensington and Chiswick.	1.
Payne, Harriet Ada	Bloomsbury	1.
Payton, Edward William.	Training Class	1.
Peal, Samuel E.	Metrop. Dist.	1, 4, 5, 6a.
Pearce, Elizabeth	Training Class	1.
Pearce, George	Derby	1.
Pearce, Joseph A.	Bristol	1, 2, 6.
Pearce, Maria Thekla.	Bloomsbury and W. Bromwich.	1, 2.
Pearson, Guy	South Kensington and Gateshead.	1, 2.
Peel, Melville	Derby	1.
Peet, George H.	Harrogate and Bristol (Kensington House)	1.
Pendlebury, G. S.	Training Class	1, 2.
Perkin, Emil S.	Barrow-in-Furness.	1, 2, 6.
Perkin, Isabell L. (*née* Bebb).	Bath and Training Class.	1, 2.
Perkins, Joseph	Birmingham	1.
Perry, Alice B.	Training Class.	1, 2.
Perry, Mary Catherine.	South Kensington.	1.
Petch, William	Sheffield	1.
Peters, Augusta	Ditto	1.
Petty, Joshua	Leeds (School of Art) and Calverley Street.	1.
Phillips, Arthur	Nottingham and Coventry.	1.
Phillips, Charles Gustav Louis.	Dundee	1.
Phillips, Florence E.	Training Class	1.
Phillips, William J.	St. Thomas Charterhouse.	1, 2.
Pickett, Mary Susan.	Training Class	1.
Pilsbury, Harry Clifford.	Leicester (Wyggeston's).	1.
Pilsbury, Wilmot	Birmingham	1, 2, 3, 6, 6a.
Pilsbury, Wilmot Clifford.	Leicester (Wyggeston's).	1.
Piper, Edith	Holloway	1.
Piper, Elizabeth.	Bristol	1.
Piper, Mary	Worthing and Brighton.	1.
Pocock, Henry John.	Coventry and Hereford.	1.
Poole, Florence	Preston (Harris Inst.).	1.
Poole, Frederick Victor.	Southampton	1.
Poole, Fredk. Wm.	Darlington and Derby.	1.
Poole, George A.	Nottingham	1.
Poole, Joseph Henry.	Coventry and Bridgwater.	1.
Poole, L. E.	Training Class	1
Poole, J. Oscar	Leamington	1.
Poore, Naomi	Andover	1.
Porter, Frederick G. G.	Lincoln	1.
Porter, Jane W.	Leeds	1.
Porter, Kate Emily	Training Class	1.
Porterfield, Annie Margaret.	Cheltenham	1.
Potter, Henry J.	Lambeth	1.
Poynder, Robert B.	Reading	1.
Pozzi, William E.	Metropolitan District.	1, 2, 4, 6a.
Pratt, Ralph	Leeds	1.
Pratt, Robt.	Dundee	1, 6.
Price, Benjamin H.	Oxford	1.
Priest, Mary A.	Training Class	1.
Pritchard, George	Salisbury	1.
Protat, H.	Unconnected with the Department.	7.
Pryde, Thomas Middleton.	Dundee (High Sch.).	1.
Puckett, Robert C.	Training Class.	1, 2, 3, 4, 5, 6a.
Puddick, Charlotte F.	Bloomsbury	1.
Pullin, Elizabeth	Training Class	1.
Purcell, Thomas	Birmingham	1.
Pye, Lucy J.	Chester	1.
Rafter, Henry	Unconnected with the Department.	1, 2.
Raimbach, D. W.	Ditto	1.
Raimbach, David L.	Training Class	1, 2, 6.
Ramsay, David	Kilmarnock	1.
Ramsden, Thomas	Leeds	1.
Ramsey, H. L.	Training Class	1.
Randall, John	Metropolitan District.	1, 2, 3, 6a.
Randall, Wilfrid Levison.	Stroud	1.
Randerson, Paulina M.	Training Class	1, 2, 3.
Rawle, John S.	Unconnected with the Department.	1, 2, 3, 6, 6a.
Rawson, William	Leeds	1, 2, 4, 6.
Ray, Emily	Training Class	1.
Read, Ethel	Kingsland	1.
Reade, Thomas Glover.	Torquay	1.
Reason, Florence	Bloomsbury	1.
Reeks, Margaret	Training Class	1.
Reeks, Maria E.	Ditto	1.
Rees, Mary	Metropolitan District.	1, 2.
Reeves, Percy O.	Birmingham and Southport.	1.
Reeves, Walter	Birmingham	1.
Reid, Andrew	Edinburgh	1.
Reid, Bertha	North London	1.
Reid, David Low	Dundee	1.
Reid, William	Glasgow (Haldane Acad.).	1.
Reilly, Sylvester	Dublin (Metropolitan).	1.
Reily, Francis	Birmingham	1 2, 6.

List of Persons to whom Art Master's Certificates have been issued up to the end of September 1895—*continued.*

Names of Persons Certificated.	School where previously taught.	Certificates obtained.
Renard, Edward .	Hastings and St. Leonards.	1, 2, 6.
Reuter, Edmond G.	Training Class .	1.
Reynolds, Alice M.	Bloomsbury .	1.
Reynolds, George Alfred.	Birmingham .	1.
Rhind, Alexander	Elgin . .	1.
Richards, Albert Frederick.	Leicester . .	1.
Richards, George	Manchester .	1.
Richards, Kate .	North London	1.
Richards, Minnie E.	South Kensington.	1.
Richardson, J. V.	Unconnected with the Department.	1.
Richardson, Mary Elizabeth.	Wellington, New Zealand.	1.
Rickett, Charles .	Boston . .	1.
Ridal, Priscilla Anne.	Nottingham .	1.
Riddell, James .	Perth . .	1.
Rider, Haywood .	York and Training Class.	1, 2, 3, 4, 6.
Ridge, Edward B.	Saffron Hill .	1.
Ridley, Charlotte	Training Class .	1.
Rigby, George R.	Derby . .	1.
Riley, Benjamin .	Manchester .	1, 2, 3.
Riley, Percy G. .	Accrington and Manchester (Cavendish Street).	1.
Riley, Thomas .	Kendal . .	1.
Ripper, Charles .	Sheffield and South Kensington.	1. 2.
Roberts, Albert Thomas.	Leicester . .	1, 2.
Roberts, James .	Warrington .	1.
Roberts, Sarah A.	Training Class .	1.
Roberts, Wm. T.	Southampton .	1, 6.
Robertson, David M.	Edinburgh .	1.
Robertson, Donald W.	Birmingham .	1.
Robertson, John .	Dundee . .	1.
Robinson, Ernest Thomas.	Chelsea and South Kensington.	1.
Robinson, Jessie C.	South Kensington & Kingsland.	1.
Robinson, John K.	Selby . .	1.
Robinson, Mabel Ellen.	Durham and South Kensington.	1.
Robinson, T. W. H.	Leeds . .	1, 6.
Robjohns, F. R. .	Tavistock . .	1, 2, 6a.
Robson, George .	. . . .	1.
Rodwell, Robert .	Unconnected with the Department.	1.
Rose, Annie .	Training Class .	1.
Rosser, Elizabeth	North London .	1.
Rossiter, Frances Ann.	South Kensington.	1.
Routledge, Robert	Manchester .	1, 6a.
Rowbotham, Ada Frederica.	Bloomsbury .	1.
Rowe, Edith D'Oyley.	Ditto . .	1.
Rowe, John .	Penzance . .	1, 6a.
Rowell, Charlotte	Training Class .	1.
Rowland, J. C. .	Unconnected with the Department.	1.
Runciman Kate.	South Kensington.	1.
Rushton, Alfred J.	South Kensington and Leeds.	1.
Rushton, Florence	Macclesfield .	1.
Rutherford, William J.	Leamington .	1.
Ryan, Charles .	Dublin . .	1, 2.
Ryan, Charles J. .	Ventnor . .	1.
Ryan, James F. .	Ditto . .	1, 6a.
Ryder, Emily S. .	Ditto . .	1.
Sadler, Alfred .	Metropolitan District.	1.
Sadler, Samuel Ernest.	Derby . .	1.
Salmon, Emmeline Rider C.	North London .	1.
Sandford, Margaret	Birkenhead .	1.
Sansom, Nellie .	South Kensington.	1.
Sargeant, Eleanor Lucy.	Peterborough .	1.
Sawkins, Isabella	Training Class .	1, 2.
Schafer, Minnie .	Holloway . .	1.
Schröder, Hubert	Chester and South Kensington.	1, 2, 6.
Schroder, Walter G.	Brighton . .	1, 2, 3, 6.
Schutze, Elizth. E.	Ditto . .	1.
Scott, George Templeton.	Forfar and Training Class.	1, 2, 6.
Scott, Walter .	Coventry . .	1, 2, 3.
Scutt, Walter .	Exeter . .	1.
Seaby, Allen William.	Reading . .	1.
Seaward, Sam. C.	Andover . .	1.
Selby, Edith .	South Kensington.	1.
Sershall, George Joseph.	Birmingham .	1.
Sershall, Herbert John.	Ditto . .	1.
Severn, Alice .	Bloomsbury .	1.
Shakell, May Maria Sidney.	Training Class .	1.
Shand, Barbara Sinclair.	Aberdeen .	1.
Shapland. John .	Exeter . .	1.
Sharp, Helena .	Training Class .	1.
Sharp, Herbert .	Ditto . .	1, 2.
Sharp, Miles .	Huddersfield .	1.
Shearer, James Elliot.	Edinburgh .	1.
Shelley, Frederick	Hanley and Training Class.	1, 2, 4.
Shepherd, Alexander.	Bradford, M. I.	1.
Shepherd, Emily J.	Lambeth . .	1.
Shepherd, John .	Training Class .	1.
Sherwood, Fredk.	Selby . .	1, 2.
Shiel, Edward .	Unconnected with the Department.	1, 6a.
Shields, John ,	Training Class & Manchester (Tech. Sch.).	1, 4, 5.
Shindler, Florence Annie.	Bloomsbury .	1.
Shrimpton, Ada Matilda.	Reading . .	1.
Shuttleworth, Alfred.	Bath (Paragon Art Studio Sch. of Art) and South Kensington.	1, 6.
Sidebotham, Emma.	Training Class .	1.
Sidley, Albert .	Ditto . .	1.

List of Persons to whom Art Master's Certificates have been issued up to the end of September 1895—*continued.*

Names of Persons Certificated.	School where previously taught.	Certificates obtained.
Simkin, Louisa	Training Class	1.
Simmonds, Frederick A. A.	Derby and Glasgow.	1.
Simmonds, Henri T. C.	Glasgow	1.
Simmonds, Thos. C.	Cheltenham	1.
Simms, Edward John.	Bromsgrove	1.
Simons, Agnes Campbell.	Manchester and Training Class.	1.
Simpson, George G.	Nottingham & West London	1.
Simpson, William Hill.	Dundee and Cupar.	1, 6.
Skinner, William	Lincoln	1.
Skirrow, Emily	Training Class	1.
Slack, Mary E.	Ditto	1.
Slocombe, Fred.	Ditto	1, 6a.
Smart, Peter	Inverness	1.
Smeeth, Joseph F.	Training Class	1.
Smeeth, Rowland	Ditto	1.
Smieton, James	Dundee	1.
Smith, Alfred F.	Birmingham	1, 2.
Smith, Archibald	Maidenhead	1.
Smith, Barbara Hatton.	South Kensington, Preston, and Manchester.	1.
Smith, Bertha	Clapton	1.
Smith, Daniel	Leeds	1.
Smith, Ellen O. W.	Bloomsbury	1.
Smith, Frank R.	Sheffield	1.
Smith, Isabella F.	Bloomsbury	1.
Smith, James	Edinburgh	1.
Smith, John	Sunderland	1.
Smith, John N.	Dundee	1, 2, 6, 6a.
Smith, John R.	Training Class	1.
Smith, Margaret Loy.	Lambeth	1.
Smith, Sidney Saville.	Bradford and South Kensington.	1.
Smith, Walter	Metropolitan District.	1, 2, 4, 5, 6a.
Smith, William Johnson.	Leicester	1.
Smith, William Ryle.	Elgin and Dundee (High School).	1.
Smyth, Mary Anne E.	Bloomsbury	1.
Snowdon, Josephine Edith.	Southampton and Bournemouth.	1.
Soden, Susannah.	Metrop. Dist.	1, 2.
Somerscales, John	Hull	1, 2, 4, 6.
Sowden, John	Training Class	1.
Spackman, Mary Augusta.	Bloomsbury and Bath.	1.
Spain, John H.	Dover	1, 6.
Sparke, Jane E.	Training Class	1.
Sparkes, John	Unconnected with the Department.	1, 2, 6, 6a.
Sparkes, William E.	South Kensington and Highbury.	1.
Sparling, Anna Martha.	Cork	1.
Spear, Marion	Training Class	1.
Speed, Harold Edward.	Ditto	1.
Spencer, Augustus	Ditto	1, 6.
Spiller, Ethel M.	Bloomsbury	1.
Spragge, Catherine	Training Class	1.
Spurling, Alice R.	South Kensington.	1.
Stace William	Birmingham	1.
Stannus, Anthony	Belfast	1, 2.
Stansbury, Edith	Hornsey	1.
Statham, William N.	Training Class	1.
Stead, Fred.	Shipley	1, 2, 6.
Stecher, Caledoni	South Kensington.	1.
Steed, Emma	Training Class	1.
Steel, Margaret	Dundee	1.
Steeley, Frank	Birmingham	1, 2.
Steen, Annie	Ditto	1.
Stephenson, Chas.	Bradford (Gram. Sch.) and Training Class.	1, 2, 4
Stevens, Catherine Emma.	Brighton	1.
Stevens, John Henry.	Leicester	1.
Stevens, Katie	Derby	1.
Stevenson, A.	Dundee	1, 6a.
Stewart, John Anderson.	Dundee High School and Harris Acad.	1.
Steyerman, Alice.	Bayswater and South Kensington.	1.
Stirling, Evangeline.	Training Class	1.
Stolle, Charles	Ditto	1, 6.
Stopford, Wm.	Cork	1, 6, 6a.
Stork, Fred.	Bath	1.
Stott, Henry	Manchester	1.
Strange, Albert G.	Leicester	1.
Stratton, Fred	Peterborough	1.
Stratton, Janet G. R.	South Kensington.	1.
Stretton, Hesba D.	Training Class	1.
Strangman, Amy Lawson.	Dumbarton and South Kensington.	1.
Strongman, Benjamin.	Derby	1.
Struthers, Andrew	Glasgow	1.
Stubbs, Joseph W.	Bradford (Gram. Sch.).	1.
Sturgeon, W.	Leeds	1, 2, 6, 6a.
Style, Jane M.	Bloomsbury	1.
Suddards, Frank	Bradford (Gram. Sch.).	1, 2, 6.
Sullivan, Michael	Training Class	1, 2, 6.
Sumner, John	Reading	1, 2, 3.
Surenne, Mary H.	Edinburgh	1.
Sutcliffe, John	Manchester (Gram. Sch.).	1.
Sutherland, Robert Lewis.	Glasgow	1.
Swallow, John C.	Metropolitan District.	1,
Swallow, J. Florence.	Ditto	1,
Swan, Emily	Training Class	1, 2.
Swinstead, Alfred Hillyard.	Unconnected with the Department.	1.
Swinstead, C.	Metropolitan District.	1, 6a.
Swinstead, Chas. H.	Ditto	1.
Swinstead, Eliza J.	North London	1.
Swinstead, Frank H.	Ditto	
Swinstead, Kate	Ditto	1.
Swire, John	Keighley	1, 6.
Sykes, Henry	Huddersfield	1.
Sykes, Peace	Ditto	1.
Sylvester, H.	Metropolitan District.	1, 6a.
Symes, Penella K.	Dublin (Metropolitan).	1.
Symes, William John.	South Kensington.	1.

List of Persons to whom Art Master's Certificates have been issued up to the end of September 1895—*continued.*

Names of Persons Certificated.	School where previously taught.	Certificates obtained.
Tatlock, Margaret A.	Gloucester .	1.
Taylor, Abram S.	Macclesfield .	1.
Taylor, Annie .	South Kensington.	1.
Taylor, Edward R.	Burslem . .	1,2, 3, 6a.
Taylor, Frederick W.	Cirencester .	1.
Taylor, Harriet .	Training Class .	1.
Taylor, Jas. B. .	Ditto . .	1, 2, 3, 6.
Teasdale, John .	Ditto . .	1.
Theaker, George .	Sheffield . .	1, 6.
Thirde, W. C. .	Dundee . .	1.
Thirlby, Thomas Harry.	Leicester (Wyggeston's).	1.
Thomas, Stephen	Penzance . .	1,2, 6, 6a.
Thomas, William George.	Holloway . .	1.
Thompson, Ellen F.	Training Class .	1.
Thompson, Frank	Ditto . .	1, 2, 6.
Thompson, Henry Oliver.	Bideford and South Kensington.	1, 2.
Thompson, J. C. .	Unconnected with the Department.	1, 2.
Thomson, Ernest	Glasgow . .	1.
Thomson, James	Perth . .	1.
Thomson, Margaret C.	Gravesend and Sheffield.	1.
Thomson, Robert Ross.	Training Class .	1.
Thorne, Robert C.	Ditto . .	1, 2, 6.
Thorogood, Stanley	Brighton and South Kensington.	1, 2.
Thring, Theresa Annie Lydia.	Training Class .	1.
Tindell, Myra Jessie.	Ditto . .	1, 2.
Tolputt, Ethel Maud Margaret.	Belfast and Dundee.	1.
Tomlin, Henry James.	South Kensington and West London.	1.
Took, Frederick .	Ditto . .	1.
Tovey, Mary S. .	Ditto . .	1.
Tratman, Tracy .	Bristol and Training Class.	1, 2, 3, 6.
Trego, John James	Coventry and Birmingham.	1, 6.
Trewby, Violet .	Bloomsbury .	1.
Triggs, Florence .	Ditto . .	1.
Trobridge, George	Birmingham .	1, 2, 3, 4.
Trotman, Bernard Henry.	Ditto . .	1.
Trower, Charlotte G.	Hertford . .	1.
Tucker, Raymond	Unconnected with the Department.	1, 6a.
Tucker, William .	Worcester .	1, 2, 6.
Tummer, John H.	Training Class .	1, 2.
Turner, Arthur W.	Salisbury . .	1.
Turner, Edith Ann	Sheffield . .	1.
Turner, George .	Training Class .	1, 2, 4.
Twiss, Jane Maria	Manchester and South Kensington.	1.
Twynam, Elizth. .	Training Class .	1.
Tye, Edith A. .	Blackheath and New Cross.	1.
Tyrer, Joseph S. .	Nottingham .	1, 2.
Underwood, Kate Augusta M.	Leicester and Torquay.	1.
Vallentine, Elizabeth.	Training Class .	1.
Vargas, Susannah	Ditto . .	1.
Varley, Illingworth	Shipley . .	1.
Vaughan, Joseph	Saffron Hill .	1.
Vernon, Ellen .	Birmingham .	1.
Viccaji, Rustomji	South Kensington.	1.
Vinall, Joseph William Topham.	Stratford and South Kensington.	1, 2.
Von Berg, Alice .	Training Class .	1.
Wade, George A. .	Preston . .	1.
Wagstaff, Emily Maria.	South Kensington.	1.
Waite, James .	Newcastle .	1.
Waite, Robert .	Cheltenham .	1, 6a.
Walbank, Arthur L.	Keighley and Shipley.	1.
Walford, Amy I. .	Training Class .	1, 2.
Walker, J. W. .	Norwich . .	1, 2, 6a.
Walker, John Allan.	Glasgow (Haldane Acad.).	1.
Walker, John Dobby.	Bradford (Church Inst.).	1.
Walker, Susanna.	Training Class .	1.
Wall, Emily Wyatt	South Kensington.	1.
Wallace, Helen .	Berwick-on-Tweed.	1.
Wallace, James .	Berwick-on-Tweed.	1.
Wallace, James .	Newcastle-on-Tyne.	1.
Waller, Olive .	Kingsland .	1.
Wallis, Arthur George.	South Kensington.	1.
Wallis, Charles Alban.	South Kensington.	1.
Wallis, John Chapman.	South Kensington.	1.
Wallis, Walter .	Birmingham .	1, 2, 3.
Ward, Charles Daniel.	Taunton and South Kensington.	1, 2.
Ward, Eleanor Lilly.	Taunton . .	1.
Ward, George .	Devizes . .	1, 2, 6.
Ward, George H.	Derby . .	1.
Ward, James .	Unconnected with the Department.	1.
Wardle, George .	Macclesfield .	1,2,6,6a.
Warne, Amy Clare	Kingsland .	1.
Warrack, Harriet G.	Training Class .	1.
Warren, Alice M.	Bristol (Queen's Road).	1.
Warren, Charles Richard.	Birmingham and South Kensington.	1.
Warren, Emily Mary Bibbens.	South Kensington.	1.
Warren, Louisa Anne.	Bristol (Queen's Road).	1.
Warry, Jessie .	Ditto . .	1.
Watson, Alfred .	Manchester (Gram. Sch.).	1.
Watson, Alfred John.	Bristol . .	1.
Watson, Fanny .	Keighley . .	1.
Watson, Henry W.	Training Class .	1.
Watson, James .	Dundee . .	1.
Watson James .	Newcastle-on-Tyne.	1.
Watson, John W.	Leeds . .	1.
Watson, Lizzie .	Training Class .	1.
Watson Thomas .	Leeds . .	1.

List of Persons to whom Art Master's Certificates have been issued up to the end of September 1895—*continued.*

Names of Persons Certificated.	School where previously taught.	Certificates obtained.
Watson, Thomas A.	Training Class	1, 2, 6.
Watson, W. P.	Ditto	1, 2, 3, 6.
Watt, David L.	Montrose and Dundee (Harris Academy).	1.
Way, Charles J.	Metropolitan District.	1, 6a.
Way, W. C.	Ditto	1,2,6,6a.
Weale, Frances	Bloomsbury	1.
Webb, Anna Day.	Metropolitan District.	1.
Webb, Ellen A.	Training Class	1.
Webb, Mary W.	Bloomsbury	1.
Webb, Walter H.	West London	1.
Webster, Alfred G.	Training Class	1, 2, 3.
Webster, Anna C.	Lambeth	1.
Webster, Charles E.	Training Class	1.
Webster, Helen	Aberdeen	1.
Webster, Roland Harding.	Chester	1.
Wedd, Mary	Boston	1.
Welby, Rose Ethel	Bloomsbury	1.
West, Alice Lizzie	Ditto	1.
West, Marian May	Chiswick and South Kensington.	1.
West, Maud A.	Bloomsbury	1.
Weston, Chas. Frederick.	Manchester	1.
Weston, Henry Francis.	Wakefield and Training Class	1.
Weston, Sophia	Training Class	1.
Whalley, Harold Gray.	Liverpool (So. Dist.).	1.
Wheeler, Anna M.	Darlington	1.
Wheeler, Mary E.	Training Class	1.
Wheeler, Sarah A.	Metropolitan District.	1, 2.
Whipple, Amy	Training Class	1.
Whitaker, C. H.	Ditto	1, 4, 5.
Whitcher, Annie F.	Bloomsbury	1.
Whitcher, Emily A.	Ditto	1.
White, J.	Unconnected with the Department.	1, 6a.
White, Richard William.	Manchester (Cavendish St.).	1.
White, William F.	Leeds, South Kensington, Hereford, and Gateshead.	1,2,3,4,6.
Whitehead, Arthr.	Leamington	1, 2, 4, 6.
Whitehead, Joseph	Ditto	1.
Whitehead, Richard David.	Manchester and Derby.	1.
Whiteside, Rosie Cordelia.	Birkenhead and Bloomsbury.	1.
Whitworth, Charles Henry.	Birmingham	1.
Wigzell, M.	Metropolitan District.	1.
Wildeblood, Seddon.	Unconnected with the Department.	1.
Wilkinson. Alfred	Training Class	1, 2, 4, 6.
Wilkinson, Alice A.	North London	1.
Wilkinson, Ellen.	Training Class	1.
Wilkinson, Ralph W.	Unconnected with the Department.	1.
Willey, Thomas J	Belfast	1.
Williams, Annie	Training Class	1.
Williams, Ida	Winchester	1.
Williams, W. O.	Unconnected with the Department.	1.
Williamson, J. B.	Belfast	1, 2.
Williamson, Jas. I.	Training Class	1, 6.
Willis, R. H. A.	Cork	1, 2, 3, 6.
Wills, Ada M.	Bristol (Queen's Road).	1.
Wills, Robert	Dundee	1.
Wilson, Catharine	Metrop. Dist.	1.
Wilson, Ethel	Southport	1.
Wilson, Fanny E.	South Kensington.	1.
Wilson, Helena	Training Class	1, 2, 3.
Wilson, William	Dundee	1.
Wilson, William	Preston	1.
Windass, John	York	1.
Windle, Laura	Nottingham	1.
Windley, Maude Rosanna.	Leicester	1.
Winny, Kathleen E.	Bloomsbury and South Kensington.	1.
Winter, Agnes	Edinburgh and Dundee.	1.
Winters, E. S.	Cheltenham	1.
Wintle, Jane	Gloucester and South Kensington.	1.
Withers, Mabel Honorine Margaret.	Training Class	1.
Wood, Agnes Agatha.	Bromley	1.
Wood, Annie	Huddersfield	1.
Wood, Daniel	Training Class	1,2,4,6a.
Wood, Francis George.	Manchester (Tech. Sch.).	1, 6.
Wood, Frank Watson.	Berwick-on-Tweed.	1.
Wood, George Albert.	Training Class	1, 2, 6.
Wood, George Henry.	Bradford	1.
Woodall, William Henry.	West London	1.
Woodhams, Mary L.	Brighton	1.
Woodhouse, Fredc. W.	Training Class	1, 6.
Woods, Ellen M.	Ditto	1.
Woodward, Gertrude.	Ditto	1.
Woodward, Mary	South Kensington.	1.
Woodward, Sam. W.	Leeds	1.
Wooldridge, Frederick Richard.	South Kensington.	1.
Woolhouse Mary H.	Derby	1.
Woolner, Henry	Unconnected with the Department.	1,4,5,6a.
Woon, Annie K.	Edinburgh and South Kensington.	1, 2, 4.
Woon, Rosa.	Training Class	1, 2.
Wormsley, Emily Susannah.	Ditto	1.
Worsdell, Clara J.	Lancaster	1.
Worthington, Edward.	Leicester	1.
Wright, Alice A.	Keighley	1.
Wright, Alice Maud.	St. Martin's and Chancery Lane.	1.
Wright, Amelia Hannah.	Southport	1.
Wright, Harry Ambler.	Bradford	1.
Wright, Henry W.	Unconnected with the Department.	1.

List of Persons to whom Art Master's Certificates have been issued up to the end of September 1895—*continued.*

Names of Persons Certificated.	School where previously taught.	Certificates obtained.	Names of Persons Certificated.	School where previously taught.	Certificates obtained.
Wright, Lilian E.	Chancery Lane	1.	Wyse, Henry T. .	Dundee . .	1.
Wright, Martha .	Keighley and South Kensington.	1.	Yates, Richard .	Coalbrookdale .	1.
			Yeats, George P. .	Unconnected with the Department.	1, 2, 3.
Wright, Peter .	Falkirk . .	1.			
Wyatt, Katharine Montagu.	Bloomsbury .	1.	Young, Gertrude Helen.	Birmingham .	1.
Wylde, Robert G.	Metrop. Dist. .	1.	Young, John .	Forfar . .	1.
Wynne, Jessie Anne Palmer.	South Kensington and Leicester.	1.	Younger, Edwin B.	Watford and St. Alban's.	1.

BUILDING GRANTS TO SCHOOLS OF SCIENCE AND ART.

Year.	—	Science Schools.	Art Schools.
		£ s. d.	£ s. d.
1861–2	Lambeth	—	285 12 2
1863–4	Coventry	—	560 0 0
1864–5	Lincoln	—	250 0 0
"	Nottingham	—	750 0 0
1865–6	Wolverton	—	500 0 0
1866–7	Stoke-on-Trent	—	422 5 0
1867–8	Exeter	—	500 0 0
1868–9	Hanley	—	450 0 0
1869–70	Bath	—	200 0 0
"	Burslem	—	456 0 0
1870–1	Burslem	344 0 0	—
1871–2	Belfast	—	300 0 0
"	Keighley	320 0 0	500 0 0
"	Kendal	175 0 0	225 0 0
"	Lambeth	70 0 0	214 7 10
1872–3	Gloucester	375 0 0	500 0 0
1873–4	Southampton	205 12 6	287 10 0
"	Stoke-on-Trent	79 7 0	77 15 0
"	Watford	252 5 0	238 12 6
"	Great Yarmouth	141 0 0	361 0 0
1875–6	Lewes	—	364 0 0
"	Ryde	—	500 0 0
1876–7	Worcester	—	500 0 0
"	Winchester	—	359 11 6
1877–8	Dover	—	327 10 0
1878–9	Kilmarnock	184 12 6	211 10 0
"	Falkirk	237 5 0	406 15 0
"	Bromley	226 7 6	276 10 0
1879–80	Macclesfield	409 5 0	351 0 0
"	Farnham	—	225 15 0
"	Kidderminster	—	500 0 0
1880–1	St. Alban's	171 10 0	244 0 0
"	Penzance	—	405 10 6
1881–2	Salisbury	—	326 0 0
"	Ipswich	326 6 0	356 15 0
"	Inverness	—	284 10 0
1882–3	Chelsea, Onslow College	262 0 0	285 0 0
"	Cardiff	365 0 0	500 0 0
"	Reading	342 10 0	390 17 6
1883–4	Redruth	249 10 3	160 13 9
"	Camborne	226 5 0	194 0 0
"	Warrington	—	500 0 0
1884–5	Canterbury	—	379 0 0
"	Banbury	—	406 17 6
"	Stourbridge	—	410 1 0
1885–6	Bridport	—	148 15 0
"	Tiverton	127 10 0	385 0 0
"	Wolverhampton	500 0 0	500 0 0
"	Redditch	—	267 2 6
"	Newcastle-under-Lyme	—	195 0 0
"	Huddersfield	500 0 0	402 13 2
"	Cork	—	500 0 0
1886–7	Chester	500 0 0	327 0 0
"	Cork	275 0 0	—
"	Lincoln	500 0 0	350 0 0
"	Shipley	500 0 0	500 0 0
"	Dundee	287 5 0	316 10 0

Building Grants to Schools of Science and Art—*continued.*

Year.	——	Science Schools.	Art Schools.
		£ s. d.	£ s. d.
1887–8	Swansea - - - -	500 0 0	500 0 0
,,	Bromley - - - -	120 5 0	109 15 0
,,	Hawick - - - -	500 0 0	311 2 6
,,	Cork - - - -	225 0 0	—
,,	Southport - - -	500 0 0	500 0 0
,,	Kidderminster - - -	500 0 0	—
1888–9	Derby - - - -	—	500 0 0
,,	Walsall - - - -	500 0 0	500 0 0
,,	Burnley - - - -	458 0 0	500 0 0
,,	Stirling - - - -	286 5 0	500 0 0
,,	Rotherham - - -	422 10 0	421 0 0
,,	Coventry - - -	101 10 0	—
,,	West Bromwich - - -	420 0 0	500 0 0
,,	Doncaster - - -	—	377 15 0
,,	Barnstaple - - -	—	500 0 0
1890–1	Hertford - - - -	—	225 4 0
,,	Bingley - - - -	368 15 0	462 0 0
,,	Stockport - - -	500 0 0	500 0 0
,,	Elgin - - - -	194 0 0	301 0 0
,,	Penzance - - -	500 0 0	—
,,	Torquay - - -	—	472 0 0
,,	Camborne - - -	202 2 6	—
,,	Dudley - - - -	—	500 0 0
1891–2	Londonderry - - -	282 5 0	467 15 0
,,	Tunstall - - - -	470 0 0	500 0 0
,,	Coatbridge - - -	500 0 0	500 0 0
1892–3	Wakefield - - -	500 0 0	500 0 0
,,	Reading - - - -	157 10 0	109 2 6
,,	Dewsbury - - -	500 0 0	500 0 0
,,	Stroud - - - -	500 0 0	447 0 0
,,	Dundee - - - -	212 15 0	183 5 0
,,	Barrow-in-Furness - -	427 15 0	347 10 0
,,	Plymouth - - -	500 0 0	500 0 0
,,	Montrose - - -	193 0 0	231 15 0
,,	Weston-super-Mare - -	173 12 6	413 15 0
1893–4	Torquay - - - -	156 0 0	—
,,	Southampton - - -	264 0 0	—
,,	Brighton - - -	465 0 0	500 0 0
,,	Ashton - under - Lyne (Hegin-botham).	500 0 0	500 0 0
,,	Carmarthen - - -	—	338 15 0
,,	Colchester - - -	—	400 0 0
,,	Batley - - - -	496 0 0	212 0 0
,,	Rochdale - - - -	500 0 0	—
,,	Gravesend - - -	500 0 0	500 0 0
,,	High Wycombe - - -	270 0 0	270 0
,,	Skipton - - - -	500 0 0	329 0 0
1894–5	Rochester - - -	282 10 0	248 10 0
,,	Battersea - - - -	500 0 0	500 0 0
,,	Aston Manor - - -	500 0 0	500 0 0
,,	King's Lynn - - -	500 0 0	—
,,	Tiverton - - -	265 10 0	—
,,	Banbury - - - -	500 0 0	—
,,	Darwen - - - -	500 0 0	500 0 0

Building Grants to Schools of Science and Art—*continued.*

Year.	—	Science Schools.			Art Schools.		
		£	*s.*	*d.*	£	*s.*	*d.*
1895	Runcorn - - - -	500	0	0	500	0	0
"	Leigh - - - -	500	0	0		—	
"	Heywood - - -	500	0	0	435	10	0
"	Wrexham - - -		—		244	0	0
"	Nelson - - - -	500	0	0	500	0	0
"	Calne - - - -	188	0	0		—	
"	Newcastle-on-Tyne - -	462	0	0	462	0	0
"	Carlisle - - - -		—		500	0	0
"	Coventry - - -	398	10	0		—	
"	Accrington - - -	500	0	0	500	0	0
"	Winchester - - -		—		70	0	0
"	Holmfirth - - -	152	10	0	128	16	0
"	Bromsgrove - - -	254	0	0	262	5	0
"	Strathbungo - - -	227	5	0	373	15	0

INDEX TO HISTORY AND GENERAL SUMMARY OF REGULATIONS OF THE DEPARTMENT OF SCIENCE AND ART.

Page

Abernethy, J., President I.C.E. (member of Committee on Structural Collections) - li
Abney, Capt., R.E. (member of Solar Physics Committee) - lxvii
 Appointment in Department - x
Agreement with Royal Irish Academy - lxxxvii
 with Royal Dublin Society - lxxxvii
Agricultural Hall, Dublin : site for New Museum - lxxx
Agricultural Hall and Museum, Dublin - lxxx
Agricultural premises, Dublin : surrender of - lxxxvi
Anderson, J. G. S. (member of Committee on Naval Models Collections) - lii
Animal Products Collection - xlvii, lxiii
Architectural Museum, Collections transferred to South Kensington Museum - xliii
Armstrong, Sir W. G. (member of Committee on Mechanical Collections) - xiii
Armstrong, T., Appointment in Department - xxix
Art Classes, establishment of - xxi
Art Collections, cost of - xlv
 development - xxxix
Art Division, origin - xxi
 staff - xxviii, xxix
Art Instruction, nature of aid granted - xxiii
 Subjects of - xxxviii
 statistics - xxviii
Art Library, formation and removal to new building - xlvi
Art Museum, donations - xliv
 Referees, staff of - xlvi
Art School, Dublin - lxxx, lxxxvi, xci
Art Schools, aid to - xxi, xxiv
 inspection - xxix
Art Teachers' Class at Marlborough House - xxi
Art Training School. *See* National Art Training School.
Art Works purchased from Exhibition of 1851 - xxxix
Astronomer Royal (member of Solar Physics Committee) - lxvii
Bandinel Collection of Pottery acquired - xl
Barker, Alexander, Gift of Venetian furniture - xlv
Baskcomb, W. B. (member of Committee on Naval Models Collection) - lii
Bazalgette, Sir J. W. (member of Committee on Mechanical Collection) - liii
Bequests to the Department - xv, xliv
Bernal Collection of Pottery, &c., Purchases from - xl
Bethnal Green Branch Museum - lxiii
 National portraits removed to - lxiv
 number of Visitors to - lxiv
 opening of, by T. R. H. Prince and Princess of Wales - lxiii
Birdwood, Sir G. C. M. (member of Committee on Indian section) - xliv
Birkbeck, Sir Edward, Bart. (member of Committee on Fish Collections) - lxiii
Board of Trade, "School of Design" Vote administered by - viii
Bodley, G. F., A.R.A. (member of Committee of Art Referees) - xlvi
Boehm, Sir J. E., Bart., R.A. (member of Committee on Gallery of Casts) - xliii
Bolckow, Mrs. H. Gift of lace and jewellery - xlv
Bond, J. Bequest of silver plate - xlv
Botanic Gardens, Dublin - lxxvi, lxxxvii, xci
Bowler, H. A., Appointments in Department - xxix
Bramwell, Sir F. (member of Inter-Departmental Committee on Science Collections) - lvii
 (member of Machinery and Inventions Committee) - liii
Branch Museum at Bethnal Green - lxiii
Brandreth, E. (member of Committee on Indian section) - xliv
British Art, Gallery of, commenced - xli

Page

British Sculpture, Gallery of, commenced - - - - - - xlii
Brooke, Rev. R., Gift of Art objects and books - - - - xliv
Bruce, Mr. (member of Treasury Commission of Inquiry on Department) - ix
Brunlees, Sir Jas., C.E. (member of Committee on Mechanical Collections) &c. liii
Buckland Bequest - - - - - - - - lxii
Buckland Professorship, Founding of - - - - - lxii
Building Grants, Art Schools - - - - xx, xxiv, xxvi
Science Schools - - - - - - - - xx
Buonaparte, Prince Louis Lucien. Gift to Department - - - xlv
Burchett, R., Master of Art Teachers' Class - - - - - xxi
Burton, Sir F. W. (member of Committee on Gallery of Casts) - - xliii
Busk, G. (member of Committee on Natural History Museum, Edinburgh) lxxv
Butler, C. (member of Committee of Art Referees) - - - - xlvi
Carlisle, Earl of (member of Committee of Art Referees) - - - xlvi
Casts, Gallery of - - - - - - - xlii, xliii
Catalogues and Inventories of Museum Collections - - - - xl
Certificate allowances - - - - - - - xii, xxii
Certificates (Art) - - - - - - - - xxv
Charter of Incorporation of Department of Science and Art - - - x
Chesman, T., Appointment in Department - - - - - xxix
Christie, W. H. M. (member of Solar Physics Committee) - - - lxvii
Circulation of Objects to the Provinces - - - - xl, lxv
Civil Engineers, President of Institute of (member of Machinery and Inventions Committee) - - - - - - - - lvi
Clarke, C. P., Purchases by, in India - - - - - xliv
Cole, Sir Henry. Appointments in Department - - - ix, xii
Commission of 1868 on Science and Art, Ireland - - - - lxxxi
(Treasury) of 1862, Scientific Institutions, Dublin - - lxxvii, lxxx
(Treasury) on Department of Science and Art - - - - ix
Commissioners of Exhibition of 1851 - - - - - - xl, xlviii
Commissioners of Patents, Management of Patent Museum transferred from xlvii, liii
Committee of Lectures, Dublin - - - - - - lxxvii
Committee on Solar Physics - - - - - - - lxvii
Committees of Advice and Reference - - - - - - lii
Compensation to Royal Dublin Society - - - - lxxxviii
Constable, Miss I. Gift of paintings and drawings - - - - xlv
Cowper, Edw. A. (member of Committee on Mechanical Collections) - liii
Cruikshank, Mrs. G. Gift to Department - - - - - xlv
Cubitt, Sir William, Iron building (Museum) erected under supervision of - xli
Darwin, G. H. (member of Solar Physics Committee) - - - lxvii
Department of Practical Art constituted - - - - - - viii
Department of Science and Art, Origin and Development of - - - viii
Department of Science and Art for Ireland - - - - - lxxxi
Derby, The late Earl of, Exhibitions of National Portraits suggested by - xliv
Design Schools, Establishment of - - - - - - - viii
Models, &c. collected for use of - - - - - - xxxix
Designers, Classes for - - - - - - - - - xxi
Devonshire, Duke of (Chairman of Royal Commission on Scientific Instruction) - - - - - - - - - xxxiii, lxviii
Dickinson, J. (member of Treasury Committee on Mining Record Office) - lxxiv
Dilke, The late Sir Charles W., Bart. Gift of books illustrating Exhibition of 1851 - - - - - - - - - xliv
Dixon, J., Bequest of Paintings - - - - - - xlv
Donations to the Art Museum - - - - - - xliv
Donnelly, Major-General Sir John F. D., K.C.B., late R.E. (member of Inter-Departmental Committee on Science Collections) - - - lvii
(member of Solar Physics Committee) - - - - - lxvii
(member of Treasury Committee on Mining Record Office) - - lxxiii
(member of Committee on Natural History Museum, Edinburgh) - - - - - - - lxxv, lxxvii, lxxxi
Drawing as a class subject under the Code, payment on - - - xxvi
Dublin Agricultural Museum - - - - - - - lxxx
Botanical Museum - - - - - - - lxxxv
Metropolitan School of Art - - - - lxxx, lxxxvi, xci
Museum of Irish Industry - - - - - - lxxix
Dublin Royal College of Science - - - - - lxxix, xcii
administration - - - - - - - - xciii
associate and other students - - - - - - xciii

Page

Dublin Royal College of Science—*continued.*
- course of instruction - - - - - - - xcii
- early history - - - - - - - - lxxix
- evening lectures - - - - - - - - xciii
- exhibitions - - - - - - - - xciii
- library - - - - - - - - - xciii
- object of - - - - - - - - xcii
- origin - - - - - - - - lxxix, xcii
- prizes and scholarships - - - - - - - xciii
- staff of professors - - - - - - - xciii

Dublin Royal Society - - - - - - - - lxxvi
- accommodation in Leinster House - - - - - lxxxviii
- agreement of 1881 - - - - - - - lxxxvii
- borrowing books - - - - - - - lxxxvix
- charters - - - - - - - - lxxx, lxxxvix
- compensation - - - - - - - - lxxxviii
- opposition to arrangements proposed by minute of 1854 - - lxxvii
- origin - - - - - - - - - lxxvi
- printing - - - - - - - - lxxxviii
- staff - - - - - - - - - xc
- transfer of property to Government - - - - - lxxxvi

Dublin Science and Art Museum - - - - - - - lxxvi
- Act, 1877 - - - - - - - - lxxxvii
- borrowing books from Library - - - - - - lxxxix
- Botanic Gardens - - - - - - lxxvi, lxxxvii, xci
- free admission days - - - - - - - - xc
- Library Trustees - - - - - - - lxxxix
- new buildings - - - - - - - lxxxv, lxxxix
- origin of - - - - - - - - - lxxvi
- Scientific Institutions - - - - - - lxxvii, lxxxiii
- site for new - - - - - - - - lxxxvi
- staff - - - - - - - - - - xc
- Visitors - - - - - - - - - lxxxix, xci

Dufferin, Lord, Address given to Science School, Dundalk - - - lxxxiii
Duncannon, Lord, Apartments allotted by, to Geological Museum - - lxxii
Duncombe, G. F., appointment in Department - - - - - x
Dyce, Rev. A., Pictures, drawings, &c. bequeathed by - - - xliv

Edinburgh Museum - - - - - - - - - lxxiv
- buildings - - - - - - - - - lxxiv
- duties of director - - - - - - - - lxxvi
- free admission - - - - - - - - lxxvi
- industrial museum renamed - - - - - - lxxvi
- library - - - - - - - - - lxxvi
- Natural History Collections, Committee on - - - - lxxvi
- officers - - - - - - - - - lxxv
- opening of new museum - - - - - - - lxxv
- origin - - - - - - - - - lxxiv
- reorganisation - - - - - - - - lxxv
- technological collections - - - - - - lxxvi
- transfer to Science and Art Department - - - - lxxiv

Education Code, Drawing a subject under - - - - - xxvi
Educational Collections, Discontinuance of - - - - - lxi
Education Department, constitution of - - - - - ix
Elementery Schools, aid to - - - - - - - xxiii
Elementary Schools, Examinations in drawing in - - - - xxvi
Ella, Professor, Gift of Volumes of Music, &c. - - - - xliv
Ellison, Mrs., Collection of Water-colour Drawings given by - - - xliv
Evans, J. (Chairman of Treasury Committee on Science Collections) - lviii
Evening Admissions to South Kensington Museum - - - - xlvi
- Continuation Schools - - - - - - xxiii, xxvii, xxviii
- Admissions to Dublin Museum - - - - - - xci

Exhibition of 1851, Art works purchased from - - - - xxxix
- Commissioners for. Gifts and purchases to the South Kensington Museum - - - - - - - - - - xli
- Galleries lent by. for Loan Collection of Scientific Apparatus - - xlviii

Fish Culture Collection - - - - - - - - xlxii
Food Collection - - - - - - - - - lvii
Forster, John. Bequest of paintings, drawings, manuscripts, &c. - - xlv

Page

Foster, Dr. Le Neve (member of Treasury Committee on Mining Record Office) - lxxiv
Fowke, F. R. (secretary of Solar Physics Committee), &c. - lxvii
Frankland, Professor (Member of Committee on Science Collections) - xlix
Free Studentships in National Art Training School, &c. - xxv, xxxviii
 in Royal College of Science, London - xxxvii
French Minister of Commerce, Gift to Museum - xlv
Furniture, Loan Exhibition of, at Gore House - xl
Gallery of British Art commenced - xli
 of British Sculpture commenced - xlii
Gallery of Casts - xlii, xliii
Galton, Sir D. (member of Treasury Commission of Inquiry, 1858) - ix
 (member of Treasury Committee on Science Collections) - lviii
Geikie, Sir A. (Member of Treasury Committee on Mining Record Office) - lxxiv
Geological Survey - lxxi
 Director General - lxxi
 Ireland - lxxii
 origin - lxxi
 progress - lxxi
 reorganisation - lxxi
 Scotland - lxxii
 transfer to Office of Works - lxxi
 transfer to Science and Art Department - lxxi
 Treasury inquiry - lxxi
Geology, provision for teaching - xxxiv
Geology, Museum of Practical - lxxii
 contents - lxxii
 object - lxxii
 origin - lxxii
 staff - lxxiii
 transfer to Jermyn Street - lxxii
Gherardini Collection of Models for Sculpture purchased - xl
Gibbs, W. Gift of Antiquities - xliv
Gifts to the South Kensington Museum - xliv
Glasnevin Botanic Gardens - lxxvi, lxxxvii, xci
Goodeve, Prof. (member of Committee on Science and Mechanical Collections) xlix, liii
Gore House, Exhibition of Furniture at - xl
Grants, Building - xx, xxiv, xxvi
 for examples and apparatus - xx, xxiv
 Manual Instruction - x, xxvii
 Science - xii
 Solar Physics Committee - lxvii
 special, of Departmental publications - xxvi
 Technical Instruction - x
 to Local Museums - lxiv
 to masters visiting London - xxvi
Granville, Lord (member of Treasury Commission on Department) - ix
Green, H. (member of Committee on Naval Models Collection) - lii
Gregory, Sir C. Hutton (member of Committee on Structural Collections) - li
 (member of Committee on Mechanical Collections) - liii
Guthrie Prof. (member of Committee on the Science Collections) - xlix
Haghe, L. Gift of drawings - xlv
Hallett, Mrs. W. Gift of water-colour paintings - xlv
Hervey, Lord F., M.P. (member of Treasury Committee on Science Collections) - lviii
Heseltine, J. P. (member of Committee of Art Referees) - xlvi
Hibernian Academy, Royal - xcii
Hick, J. (member of Committee on Mechanical Collections) - liii
Hooker, J. D. (member of Committee on Natural History Museum, Edinburgh) - lxxv
House of Commons Committee Select Committees 1835 - viii
 " " " 1836 - lxxvii
 " " " 1849 - viii
 " " " 1860 - xlii
 " " " 1864 - lxxviii
 " " " 1868 - xx
Howard, Jas., M.P. (member of Committee on Mechanical Collections) - liii
Hudson, O., teacher in School of Design - xxi
Hunt, Robert, F.R.S. (Keeper of Mining Records) - lxxiii

Page
Huxley, Right Hon. T. H. (late Dean of Royal College of Science, London) - xxxvi
Report on Fish Collections - - - - - lxi
(member of Committee on Science Collections) - - - - xlix
India Museum. Transfer to Department, subsequent development, &c. xliv, xlvi
Industrial Museum of Scotland - - - - - - lxxv
Inspectors and Sub-Inspectors of Schools and Classes - - - xxix
Local - - - - - - - - - xxix
Ireland. Technical Instruction - - - - - - xi
Irish Academy - - - - - - - lxxxiv
Irish Geological Survey - - - - - - - lxxii
Irish Industry, Museum of - - - - - - - lxxix
Irish Students, memorial against separation of Institutions - - - lxxxiii
James, Sir Henry. Commencement of Geological Survey of Ireland - - lxxi
Jermyn Street Museum. *See* Geology, Museum of Practical.
Jones, Sir Horace (member of Committee on Structural Collection) - - li
Jones, John. Bequest of works of Art - - - - - xlv
Jordan Prof. J. (Keeper of Mining Records) - - - - lxxiii
Judd, Professor (member of Committee on Science Collections) - - xlix
(Dean Royal College of Science) - - - - - xxxvi
Jukes, M. B., employment on Irish Survey - - - - - lxxi
Keatinge, Lieut-Gen. (member of Committee on Indian section) - - xliv
Keeper of Mining Records - - - - - - - lxxiiii
Laboratory Instruction, Grants for - - - - - - xv
Lace School in Dublin - - - - - - - lxxxii
Lectures Committee of, Dublin - - - - - - lxxvii
Lectures to Working Men - - - - - xxx, xxxii, xxxvii
Leighton Sir F., P.R.A. (member of Committee of Art Referees) - - xlvi
Leinster House, Dublin ; accommodation of Royal Dublin Society in lxxxviii
Leinster Lawn, Dublin - - - - - - lxxix, lxxxix
Library Trustees, Dublin - - - - - - - lxxxix
Lindsay, Lord, Mover of Address *re* Solar Physics - - - - lxviii
Lingen, Lord (member of Interdepartmental Committee on Science Collections) lvii
Loan Exhibitions at South Kensington Museum - - - xliii, xlviii
Loans to Provincial Museums, Schools, &c. - - - - - lxv
Local efforts aided by Department - - - - - xix, xxi
Inspectors - - - - - - - - xxix
Local Museums, aid to - - - - - - - lxiv
Loans to - - - - - - - - lxv
exhibitions - - - - - - - xix, xxxii
scholarships - - - - - - - xviii, xxiv
Local Taxation (Customs and Excise) Act - - - - - x, xxv
Lockyer, Mr. J. Norman. Solar Physics researches, &c. - xlix, lxvii, lxviii
Lyall, Sir Alfred C. (member of Committee on Indian Section) - - xliv
MacLeod of MacLeod. Appointments in Department and retirement - ix, x
Machinery and Inventions section - - - - - - lvi, lx
Maitland, Sir J. R. G. (member of Committee on Fish Collections) - - lxiii
Malahide, Lord (member of Committee on Dublin Royal College of Science) xcii
Manby, Chas. (member of Committee on Mechanical section) - - - liii
Manual Instruction, Grants in aid of - - - - - x, xxvii
Marlborough House, nucleus of South Kensington Museum - - - xxxix
removal of School of Design to - - - - - xxxviii
Marshall, Mrs., Bequest for promotion of Biological Science - - - xv
Martell, B. (member of Committee on Naval Models Collection) - - lii
Mechanical Engineers, President of Institution of (member of Machinery and Inventions Committee) - - - - - - - lvi
Mechanical Models Collection - - - - - - - liv
Memorial from men of Science as to Science Museum - - - xlviii
Metropolitan School of Science, Scheme for a - - - - - xxxv
Mineral Statistics - - - - - - - - lxxiv
Mines, School of. *See* Royal School of Mines.
Mining Record Office - - - - - - - lxxiii
Minute of 1854 (Irish Institutions) - - - - - - lxxvii
„ 1865 „ - - - - - - - lxxvii
Mitford, A. B. (member of Interdepartmental Committee on Science Collections) - - - - - - - - - lvii
Monck, Lord (member of Treasury Commission on Department) - - ix
Morris, W. (member of Committee of Art Referees) - - - - xlvi
Morrison, A. (member of Committee of Art Referees) - - - xlvi

Page

Morrison, J. H. (member of Committee on Naval Models Collection) - lii
Mulready, W., Exhibition of Studies by - - - - - - xl
Museum of Irish Industry - - - - - - - lxxix
Museum of Royal Irish Academy - - - - - - lxxxv
National Art Library - - - - - - - - xlvi
National Art Training School - - - - - - xxxviii
  course of instruction - - - - - - xxxviii
  Free Studentships - - - - - - - xxv, xxxviii
  housing in permanent premises - - - - - xxxviii
  object - - - - - - - - - xxxviii
  removal to Marlborough House - - - - - xxxviii
  scholarships - - - - - - - - xxxviii
  staff of - - - - - - - - - xxxviii
  test on admission to - - - - - - - xxxvii
National Competition for Art Prizes - - - - - - xxii, xxv
National Library of Ireland. *See* Dublin Science and Art Museum.
National Portrait Exhibitions - - - - - - - xliv
  Portraits, removal to Bethnal Green - - - - - lxiv
  Gallery - - - - - - - - - lxiv
National Scholarships - - - - - - - xxv, xxxviii
Natural History Museum, Dublin - - - - - - lxxix, lxxx
Naval Models Collection - - - - - - - xlviii, lii, lxi
Navigation Schools - - - - - - - - xiii
New Buildings, total expenditure on - - - - - - xli
Newton, Sir C. T. (member of Committee on Gallery of Casts) - - xliii
Newton and Allen Memorial Prize Fund - - - - - - xv
Normal School of Science. *See* Royal College of Science, London.
Northcote, Sir Stafford (member of Treasury Commissions on Department) ix, xlvii, lxi, lxxiii
Norwich Fisheries Exhibition - - - - - - - lxii
Number of visitors to Museum - - - - - - - xlvi
Observatory for Solar Physics - - - - - - - lxvii
Ornamental Art, Museum of, formed - - - - - - xxxix
Palmer, J. Hinde, M.P. (member of Committee on Mechanical Collections) - liii
Paris Universal Exhibition, purchases from - - - - - xl
Parker, W. (member of Machinery and Inventions Committee) - - lvi
  (member of Committee on Naval Models Collection) - - - lii
Parsons, J. M. Gift of oil and water-colour paintings - - - xlv
Patent Museum - - - - - - - - - xlvii
  accommodation for - - - - - - - - liii
  report of committee on - - - - - - - liv, lvi
  transfer of - - - - - - - - - liii
Patents, Commissioners of - - - - - - - xlvii
Patents, Designs, and Trade Marks Act - - - - - xlvii
Payments on results, System of - - - - - - ix, xxiv
Perry, W. Employment in connexion with Gallery of Casts - - xliii
Plans for new Dublin Museum - - - - - - - xc
Playfair, Lord. Appointments in Department - - - - ix, xii
Plumley, Mrs. Louisa, Enamel paintings given by - - - - xliv
Pole, Dr. W. (member of Machinery and Inventions Committee) - lvi, lvii
Pollen, J. H. (member of Committee of Art Referees) - - - xlvi
Portrait Exhibitions. } *See* National Portrait Exhibitions.
Portrait Gallery. }
Poynter, E. J., R.A. Appointments in Department - - - - xxix
  Chairman of Committee on Gallery of Casts - - - - xliii
  Member of Committee of Art Referees - - - - - xlvi
Practical Geology Museum - - - - - - - - lxxi
Preece, W. H. (member of Machinery and Inventions Committee) - - lvi
Prescott-Hewett, Miss. Gift of water-colour paintings - - - xlv
Prince Consort, H.R.H. Proposals for promotion of Science and Art - xli
Puller, C. C. (member of Treasury Committee on Mining Record Office) - lxxiv
Queen, Her Majesty the. Reference to Department in Speech from the Throne, 1852 - - - - - - - - - ix
  Raphael Cartoons lent for Exhibition by - - - - - xliv
  Loan Collection of scientific apparatus (1876) opened by - - xlviii
Ramsay, Sir A. C. Direction of Geological Survey of England and Wales - lxxi

Page
Raphael Cartoons lent for Exhibition by Her Majesty the Queen - - xliv
Ravensworth, Lord (Chairman of Committee on Naval Models Collections) - lii
Rawleigh, Lord (member of Treasury Committee on Science Collections) - lviii
Redgrave, R., R.A. Appointments in Department - - - ix, xxix
Reed, Sir E. J., M.P. (member of Committee on Naval Models Collections) - lii
Referees, Committees of - - - - - - - xlvi
Reproductions of Art works - - - - - - - xliii
Research, Scientific, grants for - - - - - - lxx
Roberts, Chandler, Professor (member of Committee on Science Collections) - xlix
Robinson, H. (member of Machinery and Inventions Committee) - - lvi
Roscoe, Sir H. (member of Treasury Committee on Science Collections) lviii
Rosse, Lord (Chairman of Commission on Dublin Royal College of Science) - xcii
Royal College of Science, Dublin. *See* Dublin Royal College of Science.
Royal College of Science, London - - - - - - xxx
  administration - - - - - - - - xxxvi
  associate students - - - - - - xxxvii
  connexion with Royal School of Mines - - - - - xxxvi
  courses for Associateship - - - - - - xxxvii
  courses of instruction - - - - - - - xxxvii
  free studentships - - - - - - xxxvii
  opening as Normal School, 1881 - - - - - xxxvi
  origin of - - - - - - - - xxx
  reorganisation - - - - - - - - xxxvi
  Royal Exhibitions - - - - - - xix, xxxii, xxxvii
  Royal Scholarships - - - - - - - xxxvii
  science teachers in training - - - - - - xxxvii
  summer courses for teachers - - - - - - xxxvii
Royal Commission on Scientific Instruction - - - xx, xxxiii, xlvii, lvi
Royal Dublin Society. *See* Dublin Royal Society.
Royal Engineer Officers, employment of, as Inspectors - - - xxix
Royal Exhibitions - - - - - xix, xxv, xxxii, xxxvii
Royal Hibernian Academy - - - - - - - xciii
  exhibitions of paintings, sculpture, &c. - - - - - xciv
  inspection and award of medals - - - - - - xciv
  new charter - - - - - - - - xciv
  original charter of incorporation - - - - - xciii
  parliamentary grant - - - - - - - xciv
  presentation of premises - - - - - - xciii
  schools - - - - - - - - - xciv
  Science and Art Department certificates - - - - xciv
  statistics - - - - - - - - xciv
  works eligible for national competition - - - - - xciv
Royal Irish Academy - - - - - lxxxiv, lxxxv, lxxxvi, lxxxvii
  museum - - - - - - - - - lxxxv
Royal Scholarships - - - - - - - - xxxii, xxxvii
Royal School of Mines (now affiliated to the Royal College of Science, London) xxx
  changes in title - - - - - - - xxxi, xxxvi
  committee on, 1862 - - - - - - - xxxii
  effects of transfer - - - - - - - xxxiv
  report of Royal Commission, 1871 - - - - - xxxiii
  Royal College of Chemistry, added to - - - - - xxxi
  transfer to South Kensington - - - - - - xxxiii
  Treasury Commission on, 1853 - - - - - - xxxi
Royal School of Naval Architecture and Marine Engineering - - xcv
  diplomas - - - - - - - - xcvi
  establishment of school - - - - - - xcv
  foreign students - - - - - - - - xcvi
  number of students - - - - - - - xcvi
  table of attendance - - - - - - - xcvi
  transfer to Admiralty - - - - - - - xcvi
Royal Zoological Society of Ireland - - - - - - xciv
  foundation - - - - - - - - xciv
  special grants - - - - - - - - xciv
  transfer of grant - - - - - - - - xcv
  visitors and receipts - - - - - - - xcv
Salting, G. (member of Committee of Art Referees) - - - - xlvi
Samuda, J. D'A. (member of Committee on Naval Models Collection) - lii

Page

Samuelson, Sir B., Bart., M.P. (member of Committee on Mechanical Collections) - liii
member of Treasury Committee on Science Collections - lviii
Sandford, Sir F. R., appointed Secretary of Department - ix
Scholarships, Local - xvii, xxv
National - xxxviii
Scholarships, Royal - xxxvii
Whitworth - xiv
School of Art, Dublin - lxxx, lxxxvi
Schools of Art, aid to - xxiv
Schools of Design - viii
first estimate for - viii
models, &c., collected for - xxxix
opening of - viii
vote administered by Board of Trade - viii
School of Mines. *See* Royal School of Mines.
School of Naval Architecture. *See* Royal School of Naval Architecture.
Schreiber, C., Bequest of Porcelain, &c. - xlv
Science, rules for aid in - xv
subjects first aided - xiii
subjects now aided - xvi
Science Collections - xlvii
accommodation for - lvi
Report of Sir F. Bramwell's Committee on - lvii
Treasury Committee on - lviii
Science Division, origin - xii
minute of 1859 - xiii
staff - xxix
Science and Education Library, formation and development - lxiii
Science Museum, necessity for - xlvii, lvii
Science Schools and Classes, aid to - xii, xvi
first establishment of - xii
nature of aid to - xiii, xvi
organized - xviii
progress of - xiii, xx
Science teachers, abolition of special examinations for - xiv
summer courses for - xxxv, xxxvii
Scientific Apparatus, Loan Collection of - xlviii
for Teaching and Research - lxi
Scientific Institutions and Instruction, Dublin, Minute of 1865 - lxxvii, lxxxiii
Scientific Instruction, Royal Commission on - xx, xxxiii, xlvii, lvi
Scientific Research, Grants for - lxx
Scotland. Technical Instruction - xi
Sculpture, British, Gallery of, commenced - xli
Seddon, Lieut.-Col., R.E. (member of Committee on Structural Collections) - li
Seeley, C. Gift of drawings - xlv
Select Committees. *See* House of Commons.
Semper, Prof., teacher in School of Design - xxi
Shah of Persia. Gift of Persian carpets and textiles - xlv
Sheepshanks, J. Gift of pictures - xliv
Shelley, S. (member of Treasury Commission on Department) - ix
Simpson, Mr., teacher in School of Design - xxi
Slagg, J., M.P. (member of Committee on Mechanical Collections) - liii
Smith, W. Gift and bequest of water-colour drawings, &c. - xlv
Smyth Warrington, Professor (member of Committee on Science Collections) l
Solar Physics, Committee on - lxvii
Soulages Collection of Mediæval and Renaissance Ornament, purchase of - xl
South Kensington Museum - xxxix
admission tickets - xlvi
Art Collections - xxxix
Branch, Bethnal Green - lxiii
Committees of reference and advice - xlv, lii
Design for completion of - xli
Fish Culture, Museum of - lxii
Origin - xli
South Kensington Museum: Patent Museum - xlvii
Purchases, Paris Exhibition, 1855 - xl
Purchase votes - xlv

Page

South Kensington Museum: Patent Museum—*cont.*
Reproductions, system of obtaining - - - - - xliii
Science Collections - - - - - - xlvii
Science Museum, necessity for - - - - - xlvii, lvii
Scientific apparatus, loan exhibition of - - - - - xlviii
Select Committee of House of Commons appointed to inquire into - xlii
Special Loan Exhibitions - - - - - xliii, xlviii
Structural Collections - - - - - - - li
Visitors - - - - - - - - - - xlvi
Sparkes, T., Appointments in Department - - - - - xxix
Special Local Secretaries - - - - - - - xvii
Special Loan Exhibitions - - - - - - xliii, xlviii
Spottiswoode, W. (member of Science Collection Committee) - - - xlix
Spring Rice, S. E. (Secretary of Treasury Committee on Science Collections) lviii
Staff, Science and Art Divisions - - - - - iv, xxix
South Kensington Museum (including Bethnal Green) - - vi, xxxix
Stephenson, Sir W. (member of Treasury Commission on Department) - ix
Stokes, Sir G. G. - - - - - - - - - lxvii
Strachey, Sir J. (member of Committee on Indian section) - - - xliv
Strachey, Lieut.-General (member of Committee on Indian section) - - xliv
(member of Solar Physics Committee) - - - - - lxvii
Street, G., President, R.I.B.A. (member of Committee on Structural Collections) - - - - - - - - - - li
Structural Collections, Committee on - - - - - - li, lxi
Studentships in Training - - - - - - - - xxv
Sutherland, Sir T., M.P. (member of Committee on Naval Models Collection) lii
Tadema, L. Alma, R.A. (member of Committee of Art Referees) - - xlvi
Technical and Manual Instruction - - - - - - - x
Thompson, J., teacher in School of Design - - - - - xxi
Townshend, Rev. C. H. Bequest of Art objects - - - - xliv
Trade, Board of, "Schools of Design" Vote administered by - - viii
proposal for establishing a Metropolitan School of Science - - xxx
Training Colleges, aid to, &c. - - - - - - xx, xxvii
Examinations - - - - - - - - xv, xxvii, xxviii
Traquair, Dr., appointed keeper of Natural History Collections, Edinburgh - lxxvi
Treasury Commissions upon Department Establishment - - - ix
Committee on Mining Record Office - - - - - lxxiv
on Science Collections - - - - - - - xlvii, lviii
Trevelyan, Sir C. (member of Treasury Commissions on Department) ix, xlvii, lxi lxxiii
Tuscany, Grand Duke of, Sculpture presented by - - - - xlii
Votes for buildings, transferred to Office of Works - - - - x
total expenditure on New Buildings - - - - - - xli
Wales, H.R.H. the Prince of. Convention for international exchanges of Reproductions of Art works - - - - - - - xliii
opening of Bethnal Green Museum - - - - - lxiv
Wales', H.R.H. Princess of, Scholarships - - - - - xxviii
Wales, Technical Instruction - - - - - - - x
Wallace, Sir R. Loan of Art works to Bethnal Green Museum - - lxiv
Watts, P. (member of Committee on Naval Models Collection) - - lii
Webb, Aston. Design for completion of South Kensington Museum - xli
Webster, Sir R. E., Q.C. (member of Machinery and Inventions Committee) - lvi
Wells, W., Bequest of Jade Carvings - - - - - - - xlv
White, Sir W. H. (member of Committee on Naval Models Collection) - lii
Whitworth Scholarships and Exhibitions - - - - - - xiv
Wollaston, Mrs., Drawings of mosaics given by - - - - xliv
Working Men, Lectures to - - - - - xxx, xxxii, xxxvii
Wyatt, Sir M. D., and Lady Wyatt, Collection of Fans given by - - xlv
Zoological Society of Ireland. *See* Royal Zoological Society of Ireland.

K - 4 DEC 1970